

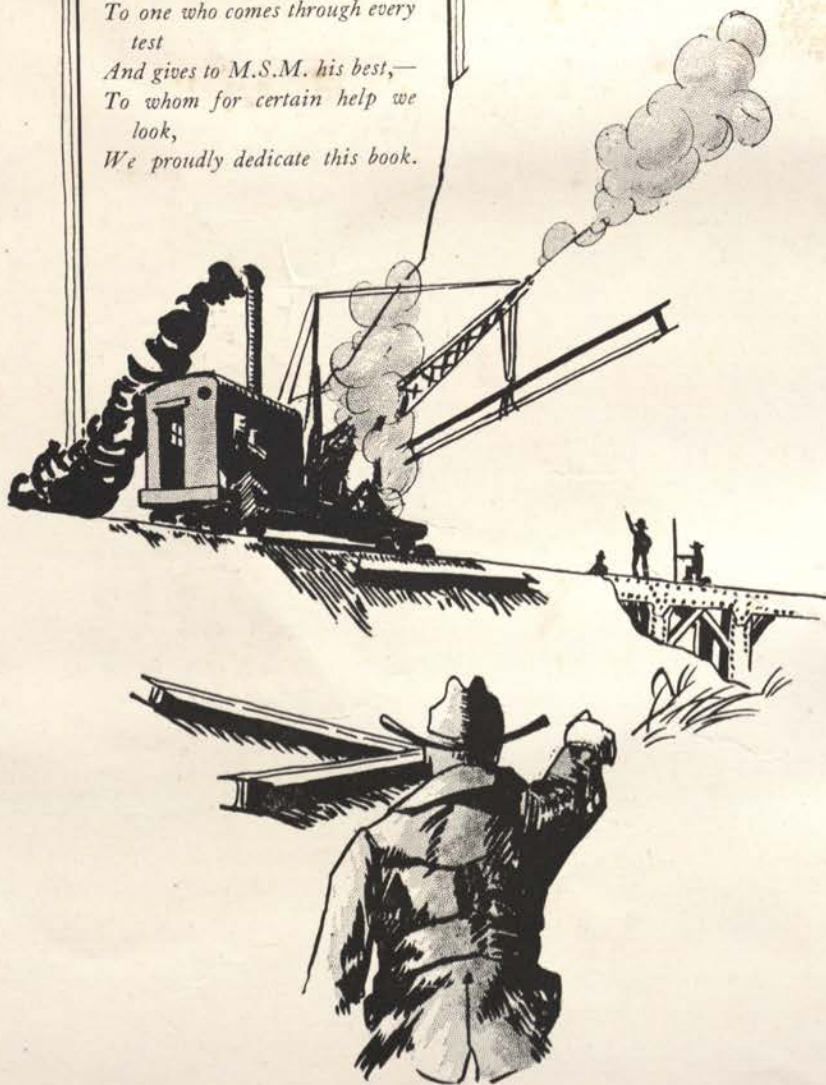


Published by
the
Student
Body of
Missouri
School of
Mines
and
Metallurgy

Dedication

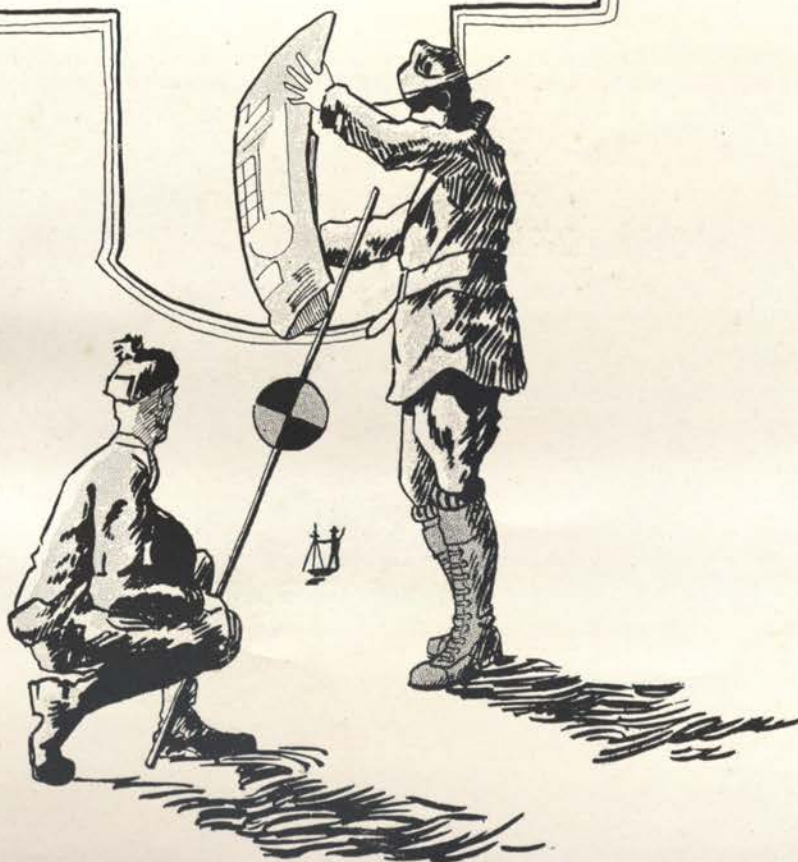
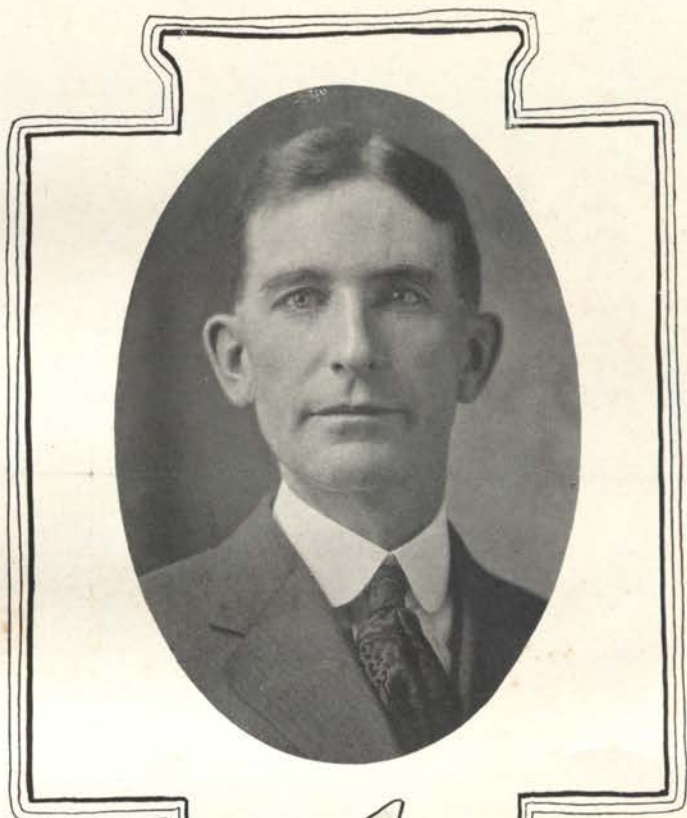
Martin Harmon
'Thornberry

*To the "Prof." we love and trust
the most,—
To a man who's friendship we
can boast,—
To one who comes through every
test
And gives to M.S.M. his best,—
To whom for certain help we
look,
We proudly dedicate this book.*



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mnm
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Drake - Mrs. Cornell



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ROLLAMO



BOARD



21-22





In Memorium

LIEUTENANT GEORGE BARNETT BLOOM, '21.

Aug. 6, 1896-May 11, 1921.

AN HONEST thinker, an efficient organizer, a fearless leader, true friend and courteous gentleman, his memory will long be fresh in the minds of those who knew him through his affiliation with many organizations at M. S. M. and his efficient and eager participation in all student activities.

He was a member of Kappa Alpha Order, national head of Quo Vadis, charter member of Sigma Gamma Epsilon and a member of the Square and Compass. In 1920, he was Secretary of the ROLLAMO Board, and, in 1921, Editor-in-Chief of THE ROLLAMO. He was a member of the Student Council and of the Pan-Hellenic Council.

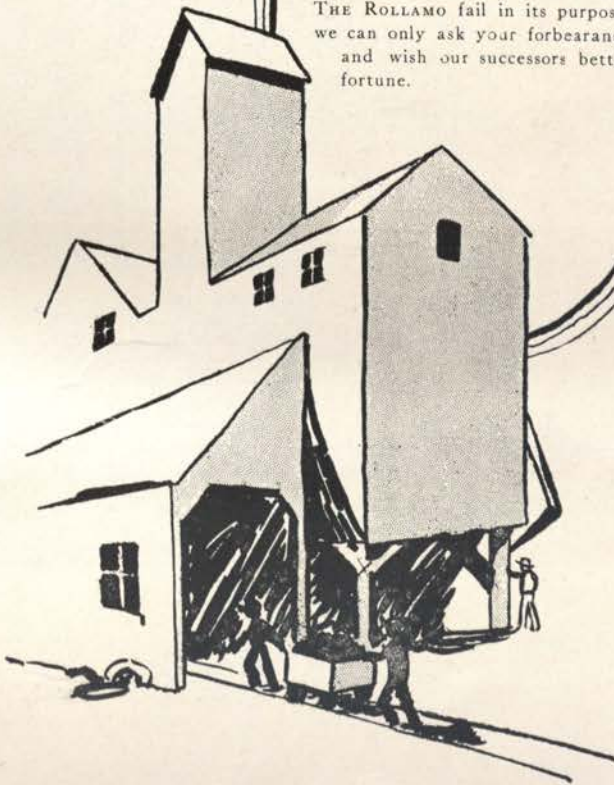
His friends are poorer by the loss of a true friend, the school by the loss of an honored graduate, his country by the loss of a promising young officer.

Foreword

THIS, the sixteenth edition of THE ROLLAMO, is the honest effort of the Board to preserve a record of the actors and scenes, be they serious or frivolous, commonplace or unusual, admirable or laughable, which have passed in review before us during the passing school year.

It is our hope that we have gathered the best of these, which would so soon be but vague memories at best, and presented them within these covers in such a way that the record will help us, in after years, to recall vividly and pleasantly the passing show of 1921-22 at old M. S. M.

If we have been successful in the realization of our desire, that is the only reward that our efforts demand or we ask. If, through fault of ours, THE ROLLAMO fail in its purpose we can only ask your forbearance and wish our successors better fortune.



Order Of Books

Alma Mater

Faculty

Classes

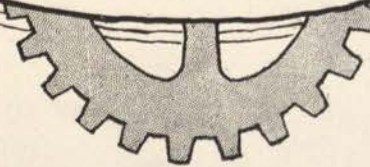
Athletics

Organizations

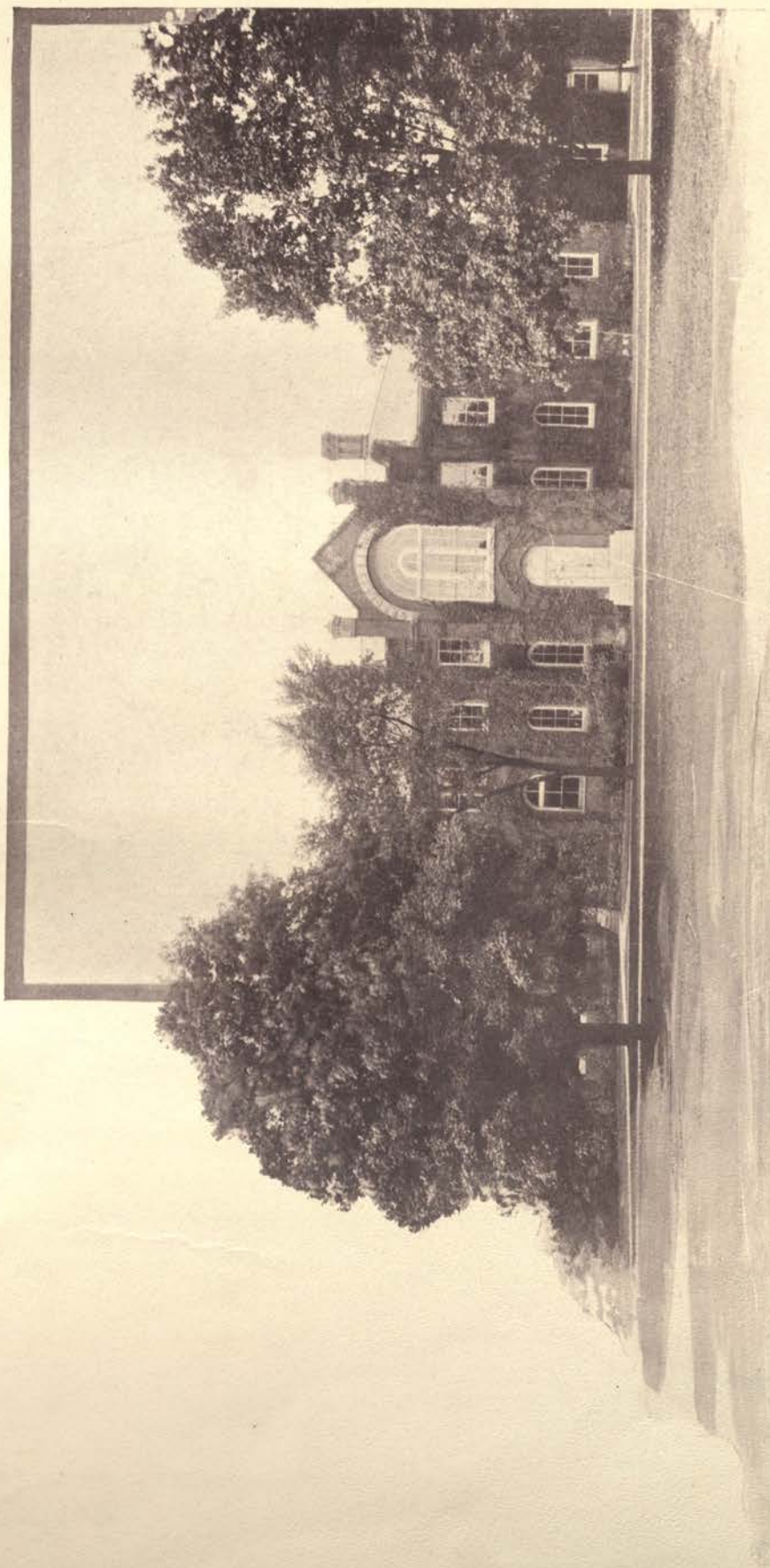
Military

Stunts

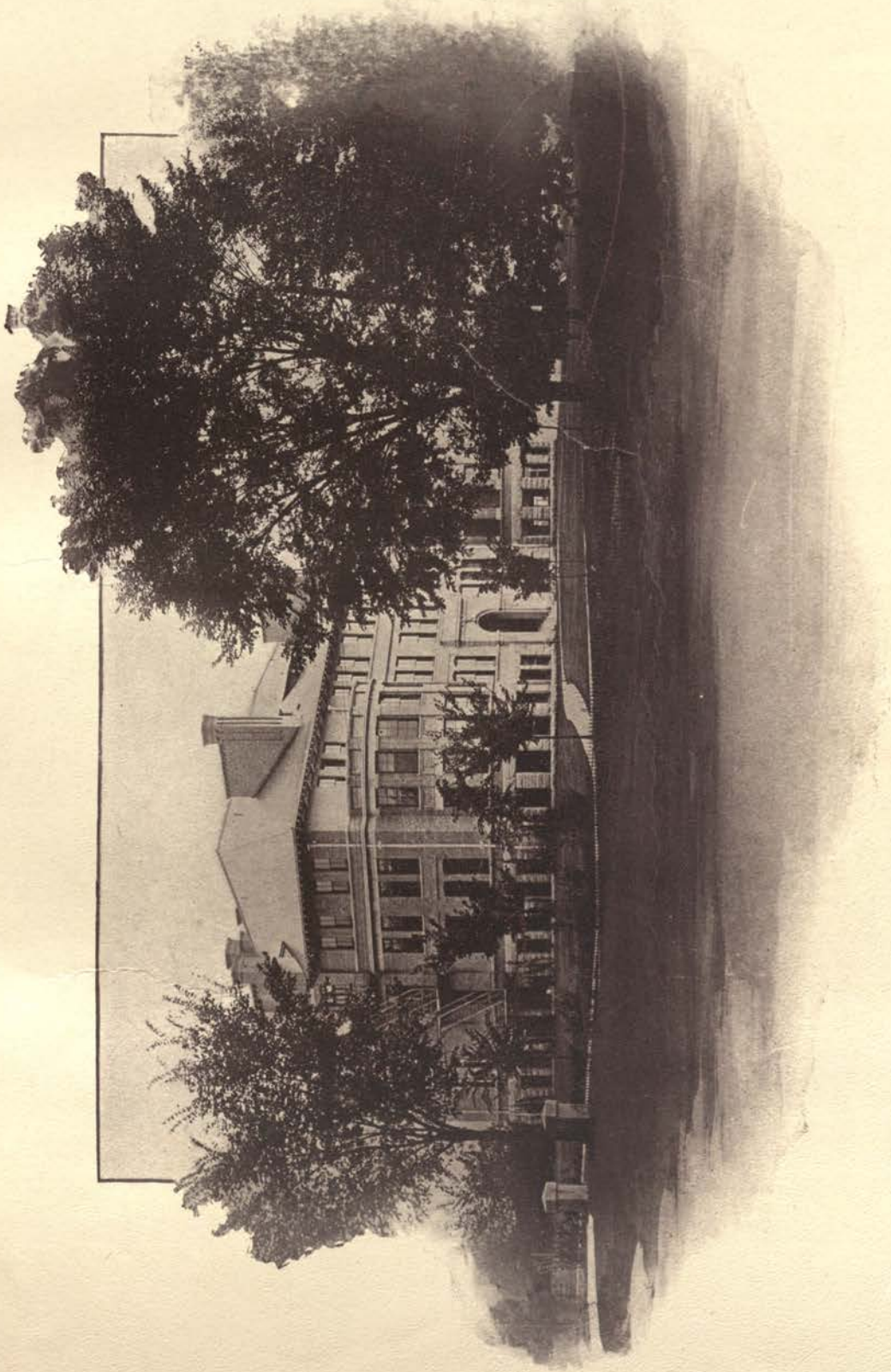
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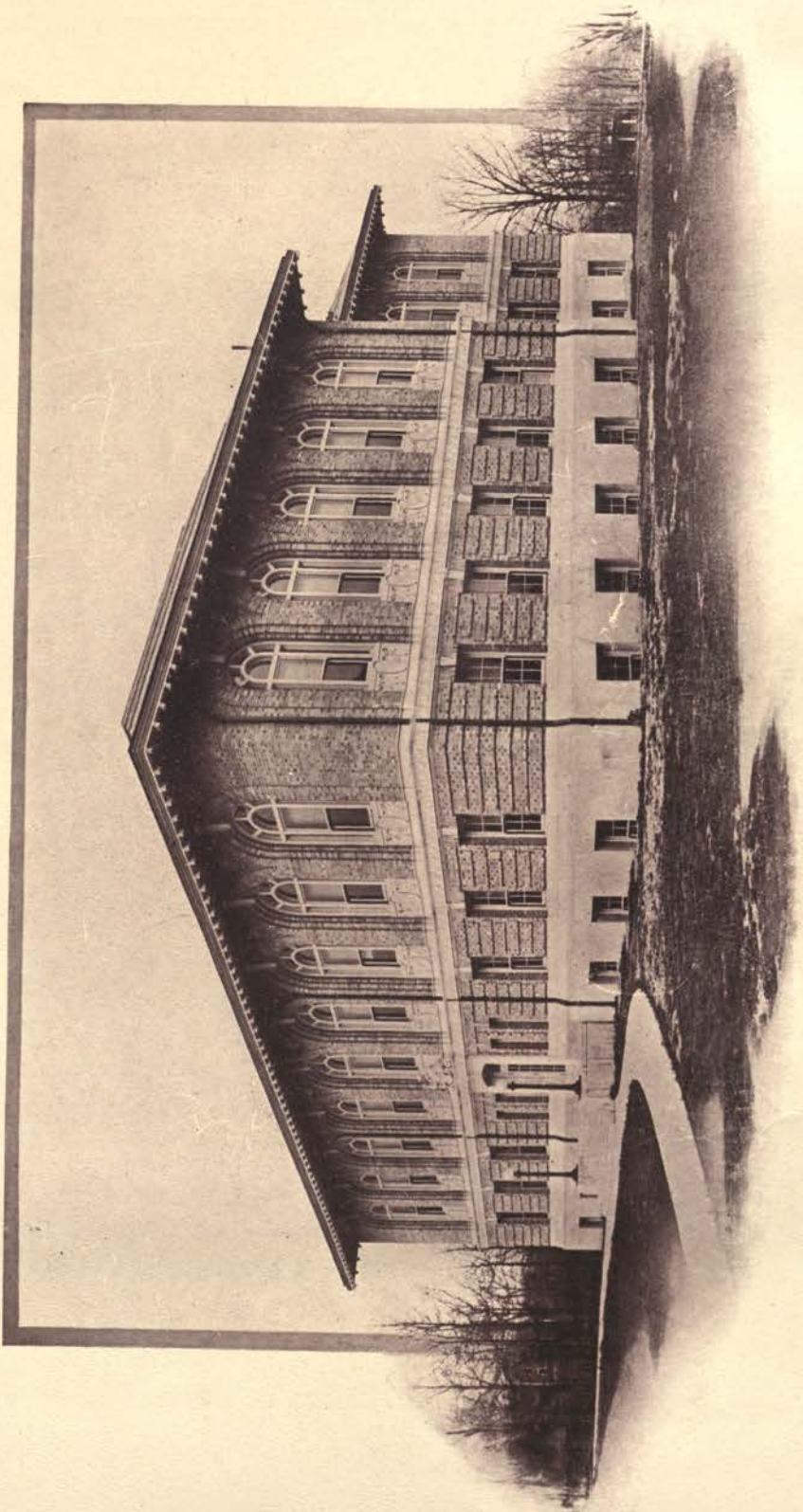




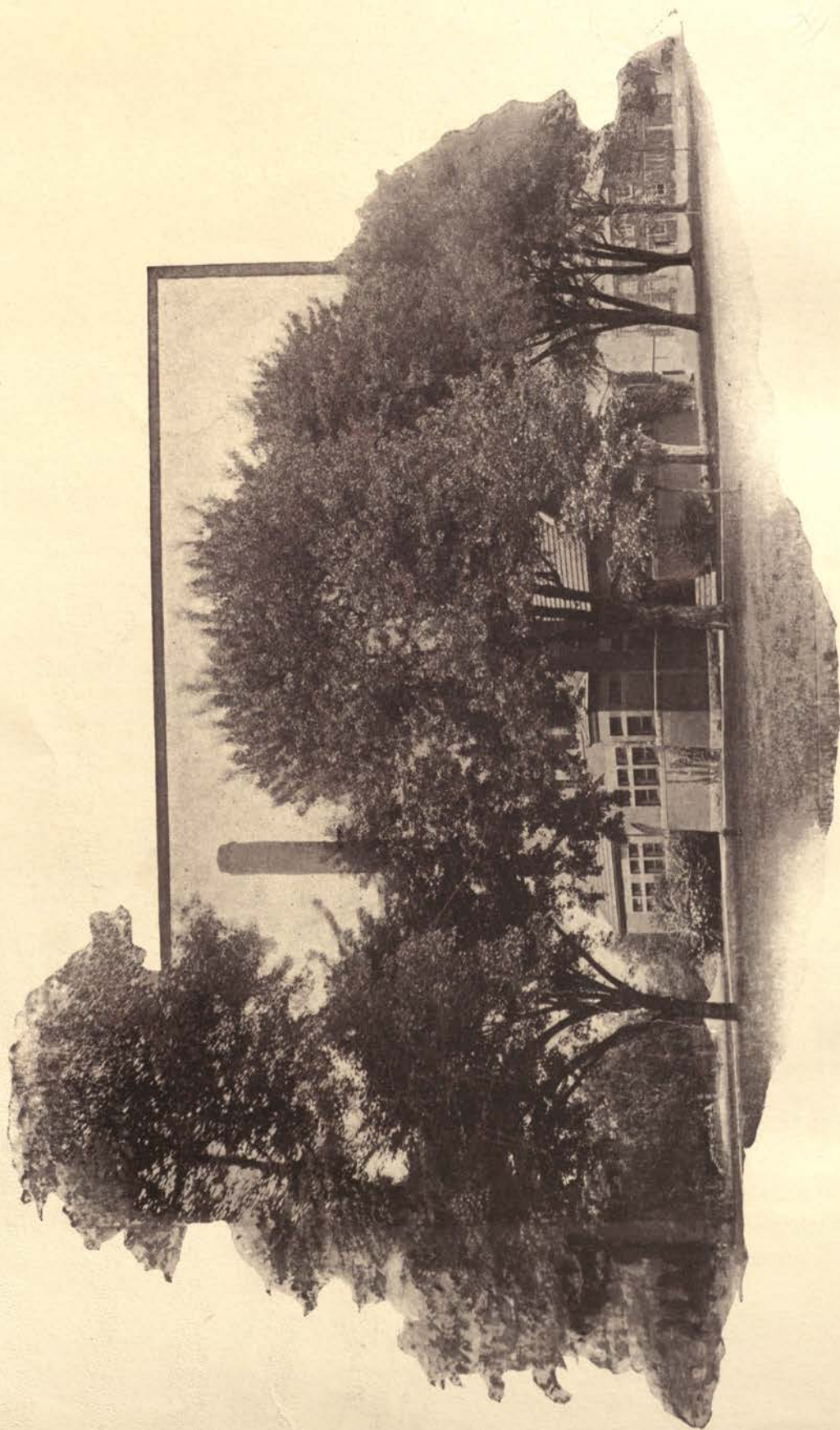


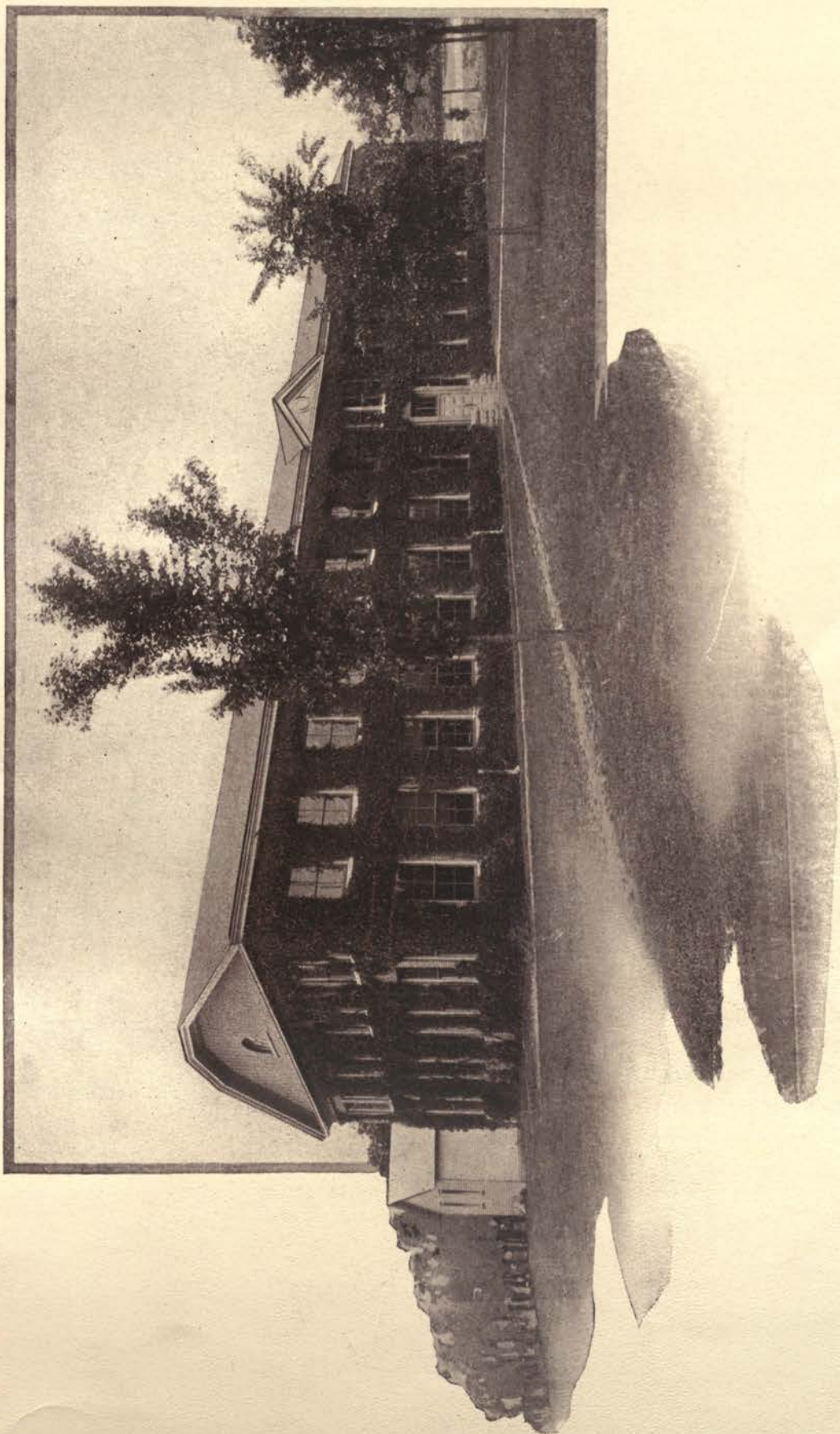












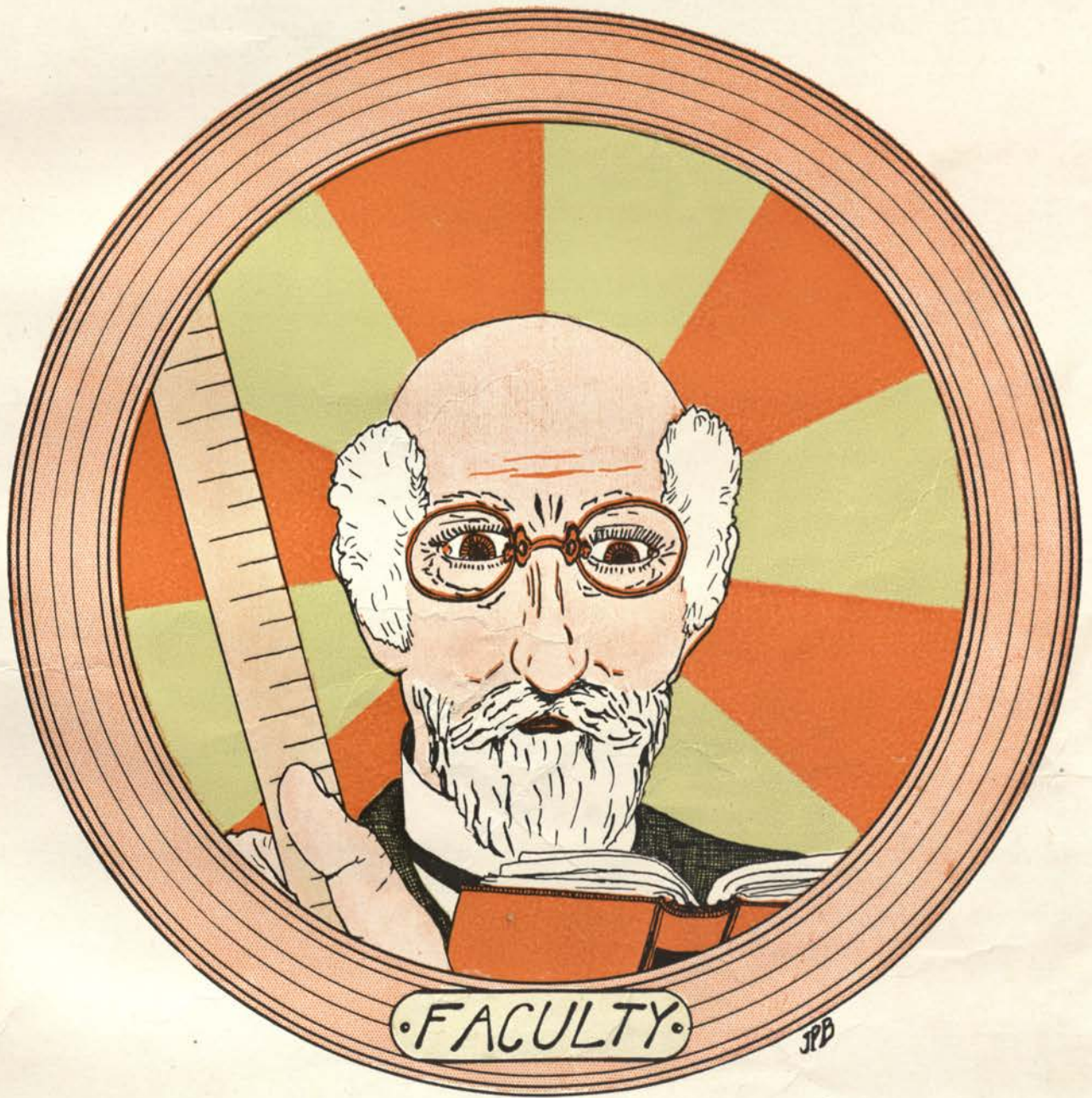




The Mining Engineer

BY WALTER H. GARDNER

Underground with rod and transit—
Shaky roof? You blithely chance it.
Squinting, scowling through a level,
Where it's blacker than the devil;
Wallowin' in mud and slikens;
Just a-rustlin' like the dickens
 To end the job
 And join the mob
In search of other pickin's.
Scalin' porphyritic ledges—
Seekin' handholes on the edges—
Tracin' fault and vein and croppin'—
Poundin' samples — never stoppin';
On some lonesome expedition,
Workin' with the sole ambition
 To end the job
 And join the mob
To find a new position.
Polin sluggish tropic rivers—
Eatin' quinine for the shivers—
Hackin' with a dull machette
Till your very boots are sweaty—
Diggin' out a wily chigger—
Shoutin' curses at a nigger—
 To end the job
 And join the mob
In search of "something bigger."





ROLLAMO



Our New President, Dr. J. C. Jones

ON January third, 1922, Dr. John Carton Jones, then acting President of the University, was given the endorsement so well deserved by his efficient guidance of the institution after the reins of government were laid down by Ex-President Albert Ross Hill. On that date Dr. Jones was made President of the University by the Board of Curators to the satisfaction and delight of the student body who knew him so well. Our new President's motto is, "Team Work Wins," and we wish to state that, if he is looking for team work he will find no more willing or eager team mates than the student body of the Missouri School of Mines and Metallurgy.

Dr. Jones was born July 30, 1856, on a farm near Sharpsburg, Kentucky, of Welch and Dutch parentage. He received his grade and high school training in the Frankfort, Kentucky, schools. In 1879 he graduated from Westminster College at Fulton, Missouri, and accepted the position of professor of Latin at that institution. In 1882, he came to the University of Missouri as assistant professor of Latin and was given a year's leave of absence for graduate work at Johns Hopkins University. By 1891, he was made head of the department of Latin, and in 1895-1896 he was granted a leave of absence for study and investigation abroad, which he spent at Leipzig, Germany. Upon his return, he was appointed the first dean of the College of Arts and Science, which position he has held since that time. Once more, in 1903, he studied in Munich, Germany. Later he became Vice-President of the University.

He is a member of the Presbyterian Church and the following societies and clubs: Columbia Country Club, Masonic Fraternity, Beta Theta Pi Fraternity, the American Philological Association and the American Archeological Institute.

Such an introduction bespeaks the high qualifications which attend our new President, and the future goodfellowship between the student body and such a leader cannot but be assured.



ROLLAMO



DR. CHARLES H. FULTON

Theta Delta Chi Sigma Xi Tau Beta Pi Phi Kappa Phi

DIRECTOR, MISSOURI SCHOOL OF MINES

E. M., School of Mines, Columbia, 1897; D. Sc., University of South Dakota, 1911; Member American Institute of Mining and Metallurgical Engineers; American Electrochemical Society. Assistant in Assaying, Columbia, 1898-99; Instructor in Metallurgy, University of Wyoming, 1899-1900; Professor of Metallurgy, South Dakota State School of Mines, 1900-05; President, South Dakota State School of Mines, 1905-11; Professor of Metallurgy, Case School of Mines, 1905-11; Professor of Metallurgy, Case School of Applied Science, 1911-20; Director, Missouri School of Mines and Metallurgy, 1920.



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M. E.



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Professor of Geology and Mineralogy

A. B., A. M., Ph. D., Acacia, Phi Beta Kappa, Sigma Xi, Gamma Alpha, Soc. for the Promotion of Engineering Education, A. I. M. and M. E., Amer. Assoc. for the Advancement of Science, Geological Soc. of Amer., Sigma Gamma Epsilon.

LEON ELLIS GARRETT

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B. S., Tau Beta Pi, S. P. E. E.





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Tau Beta Pi, Phi Kappa Phi.



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P. E. E., Member A. I. M. M. E., Director
M. S. M., 1915-20.



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Wash. Soc. of Eng., Topog. Eng., U. S.
G. S.



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Theta Tau, Soc. of Am. Mil. Engs.



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M. S. M. P., S. P. E. E.



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1910-19, Graduate Student Johns Hop-
kins, Research Student William Volker
Research Laboratory 1919.



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S. P. E. E.



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B. S.



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B. S., A. A. E.



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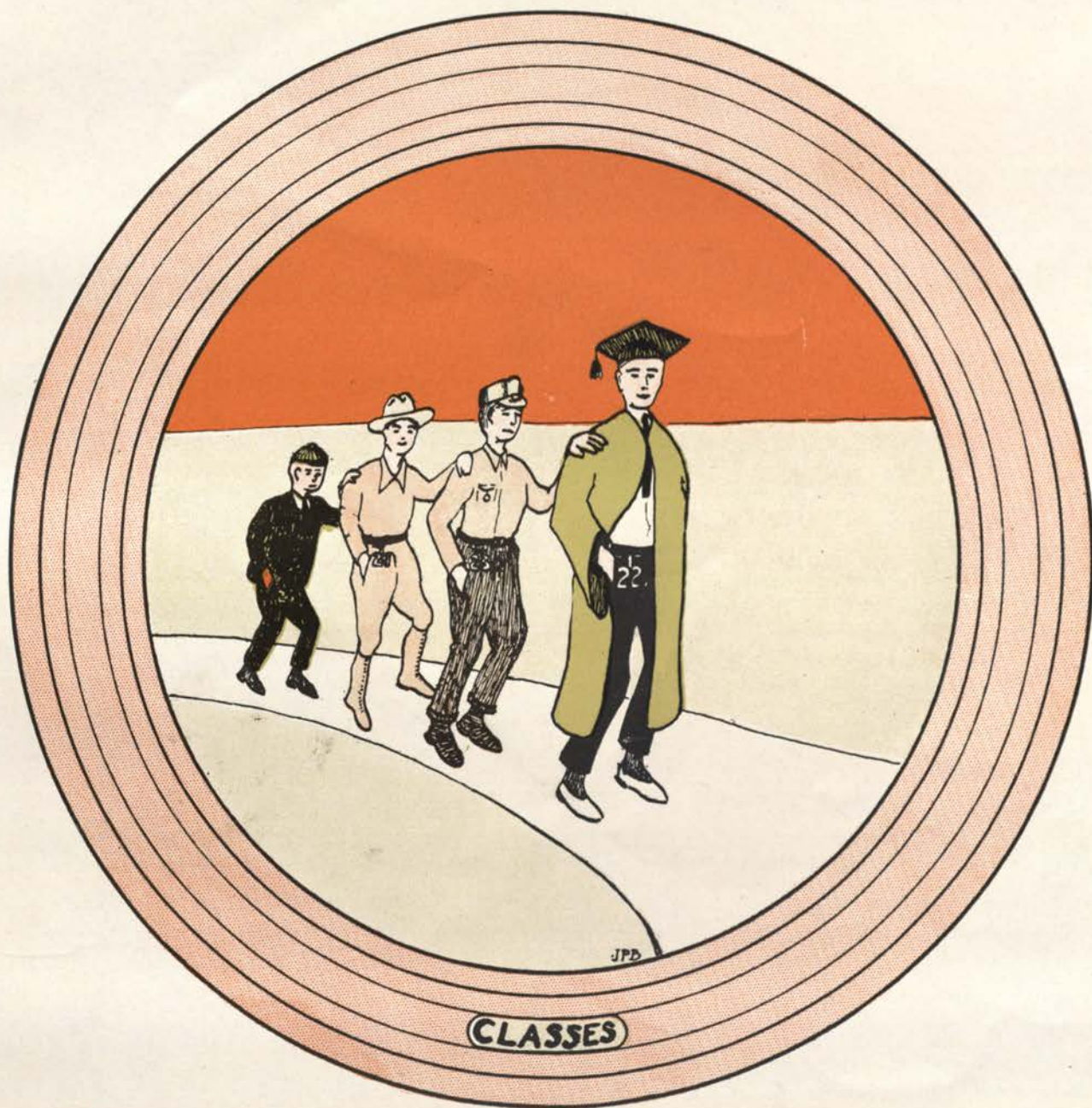
ROLLAMO

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R. D. Ward.....	Department of Geology



Calendar

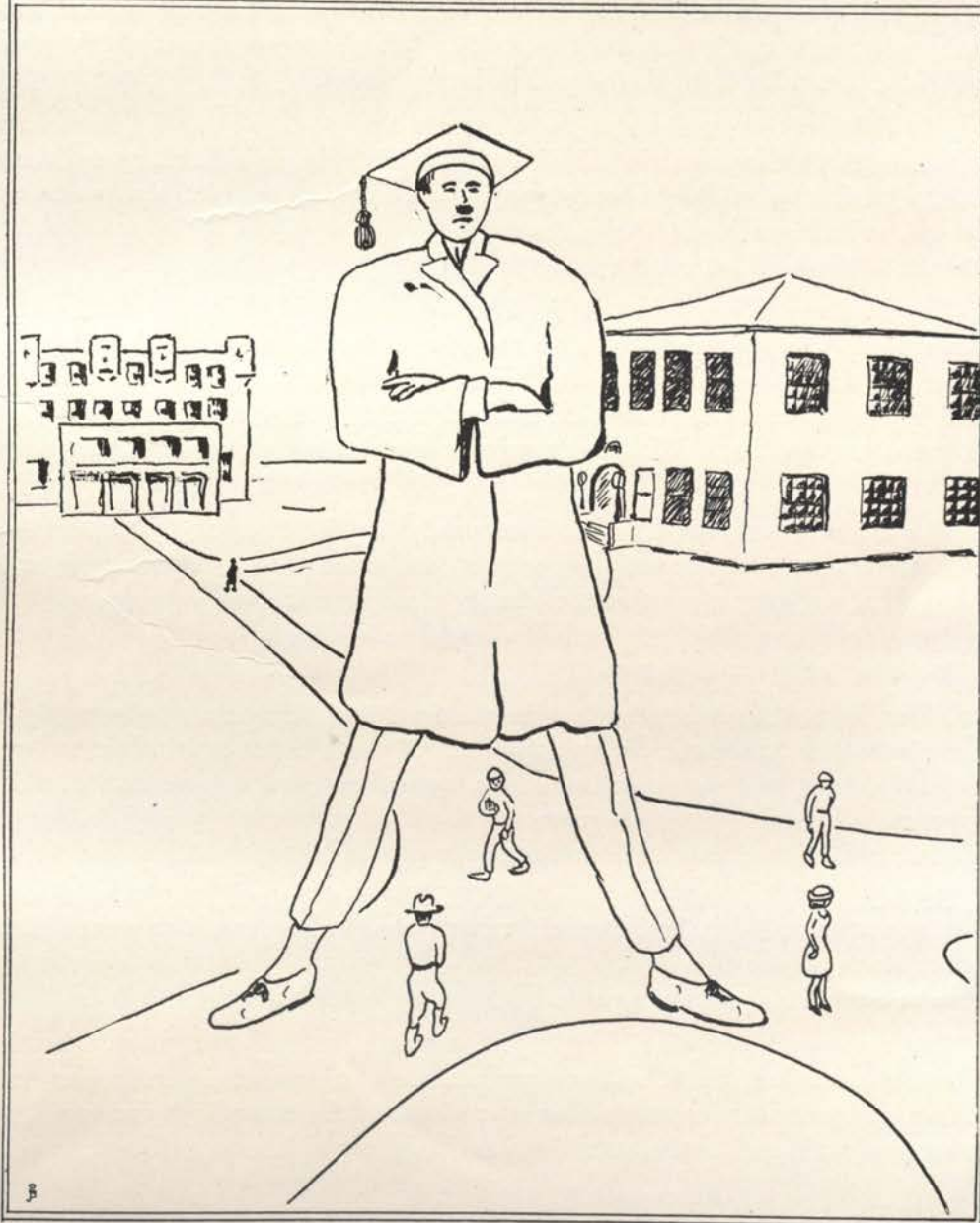
- Sept. 1.*—School opens. Several men return full of the old Miner "pep."
- Sept. 2.*—Remarkable discovery on campus,—*"Student Adviser."*
- Sept. 5.*—Class fight and circus.
- Sept. 8.*—Star and Garter officially defunct.
- Sept. 11.*—Frosh hold trial of black sheep who missed class fight.
- Sept. 12.*—Quo Vadis pledges in evidence. Wheelbarrow taxi run for benefit of of Dip Wendell and Babe Dorris.
- Sept. 13.*—New dramatic club formed, to be known as the M. S. M. Players.
- Sept. 15.*—Campus flooded with pledge ribbons.
- Sept. 16.*—First Miner Dance—110° in the shade.
- Oct. 1.*—Annual Robbery on Washington U. grounds.
- Oct. 2.*—Miners back in form, Cape Girardeau 0, Miners 24.
- Oct. 14.*—Steam Roller is right; Miners 69, Springfield 0.
- Oct. 20.*—Miners vs. Missouri Wesleyan; *They won!!* Athletic Association and Frosh Dance. They prove efficiency—thirty men holding up the piano.
- Oct. 30.*—Hallowe'en Dance. Two members of the faculty drown in the punch bowl.
- Nov. 2.*—Pipe and Bowl in evidence. Tau Bets pledged. Every one surprised including pledges.
- Nov. 2-5.*—Home Coming Celebration. T. A. Rickard addresses "nucleus" of students in Parker Hall. Many old timers back.
- Nov. 12.*—Quo Vadis al fresco Banquet.
- Nov. 13.*—First *Blue Law* Sunday—Oh, Boy!
- Nov. 15.*—"Biggest Ever" turn out for Min. & Met. Association. Chief Buehler & Doc Fulton speak.
- Nov. 17.*—Freshman Godwyn honored by Sophs—Green cap glued on.
- Nov. 18.*—Central 2, Miners 20. Chomeau leads the field in 5-mile mud plug.
- Nov. 19.*—Cotillion Clubs "cotil" at Doc Bay's
- Nov. 23.*—Frosh burn green caps. Huge bonfire.
- Nov. 26.*—P. B. C. dance.
- Dec. 5.*—Football letters awarded.
Bolt and Zook on all-conference selection.
"Hank" Zoller Captain for 1922-23.
- Dec. 8.*—Inter-club Frat Basketball series going on.
- Dec. 11.*—M. S. M. Glee Club entertains at Mass Meeting.
- Dec. 15.*—All Miners going home Christmas must be vaccinated.
- Dec. 20.*—Exams—Exams—Exams.
- Dec. 22.*—Merry Christmas!





ROLLAMO

Senior S.



1922



History of the Class of 1922

THE class that entered M. S. M. in the fall of 1918 was one of the kind that come seldom but leave their everlasting work. History repeats itself but few times, but when it does there is always a something that is distinct and superior to the past. The Class of 1916, with due respect to all others, was heralded as one of the outstanding classes that passed thru and beyond the majestic portals of M. S. M. We give them due credit for their distinction, but claim to be their equal in every respect.

The fall of 1918 found us at the climax of the World War. We shouldered our rifles and were true patriots. We respectively served on K. P., guard duty, and any other kind of duty that happened to be assigned to us, pleasant or unpleasant, and did our best. We will never forget the days and nights spent within the walls of the Gym as comrades.

The class was so large that the Sophomores acted with wisdom becoming men much older in years and experience for they did not even accept our challenge to a class fight. In order that the old traditions of the Miners might live on, we were hazed by the entire school and oftentimes took that solemn duty upon ourselves and hazed one another. With this spirit we marched on to the coveted year of Senior.

The annual Freshman Hop was inaugurated by the Class of 1922, which is a great asset to the social life of the campus. In athletics we held our rank as in other things; with letter men on the Varsity team we were well represented; as a class we were the undisputed football champions of the school; this is a record that no other class can boast of.

When it came our time to lead in the St. Pats celebration, we were again on our toes with the same old spirit. That it was a success we leave to your imagination. It was discovered that we were financiers as well as "budding engineers." The celebration was one of the biggest ever staged, and after all settlements were made a nice little balance remained in the treasury.

As scholars we can also boast of our Phi Kappa Phis and Tau Beta Pis, but we were not all in that class. Some day we expect to see some Steinmetzs, Edisons, or Fords step forth from the "I" class and revolutionize modern industries as has been done, and we have proven that history repeats itself.

We have given you a brief history of our class, and in after years, when industries are revolutionized, sciences made more complicated by advancing new theories, and gold is concentrated from the waters of the ocean, look and see if you cannot connect it with the Class of 1922 of the Missouri School of Mines.



ROLLAMO

CLASS of 1922



A. L. ACKERS CLASS OF '22
MINE ENGINEERING ROLLA, MO.

Grubstaker; Sigma Gamma Epsilon; Missouri Mining and Metallurgical Association; A. A. E.

"Si" was known to have bought a lot of high-priced chocolates while in his freshman year. His one splash gave him credit in "social lab." Famous for his saying, "We told 'em."



IRVIN WYLAND ALCORN CLASS OF '22
METALLURGY RANGER, TEX.

Bonanza; Square and Compass; Missouri Mining and Metallurgical Association.

A young Lochinvar out of the West. An idealist and a Puritan,—probably because he awakens to temptations too late to catch 'em,—eh, wot, "Old Lady"?



PHILIP E. ANDREWS CLASS OF '22
MINE ENGINEERING BOULDER, COLO.
Independent; A. B., University of Colorado.

"Phil" is a quiet chap who has been with us only one year and is almost unknown to the students; but he is well known in other and fairer circles. He received extra credit in "social lab" during his first semester in Rolla, which is no mean feat. It was his hard luck to have only an A. B., so he had to take more English here.



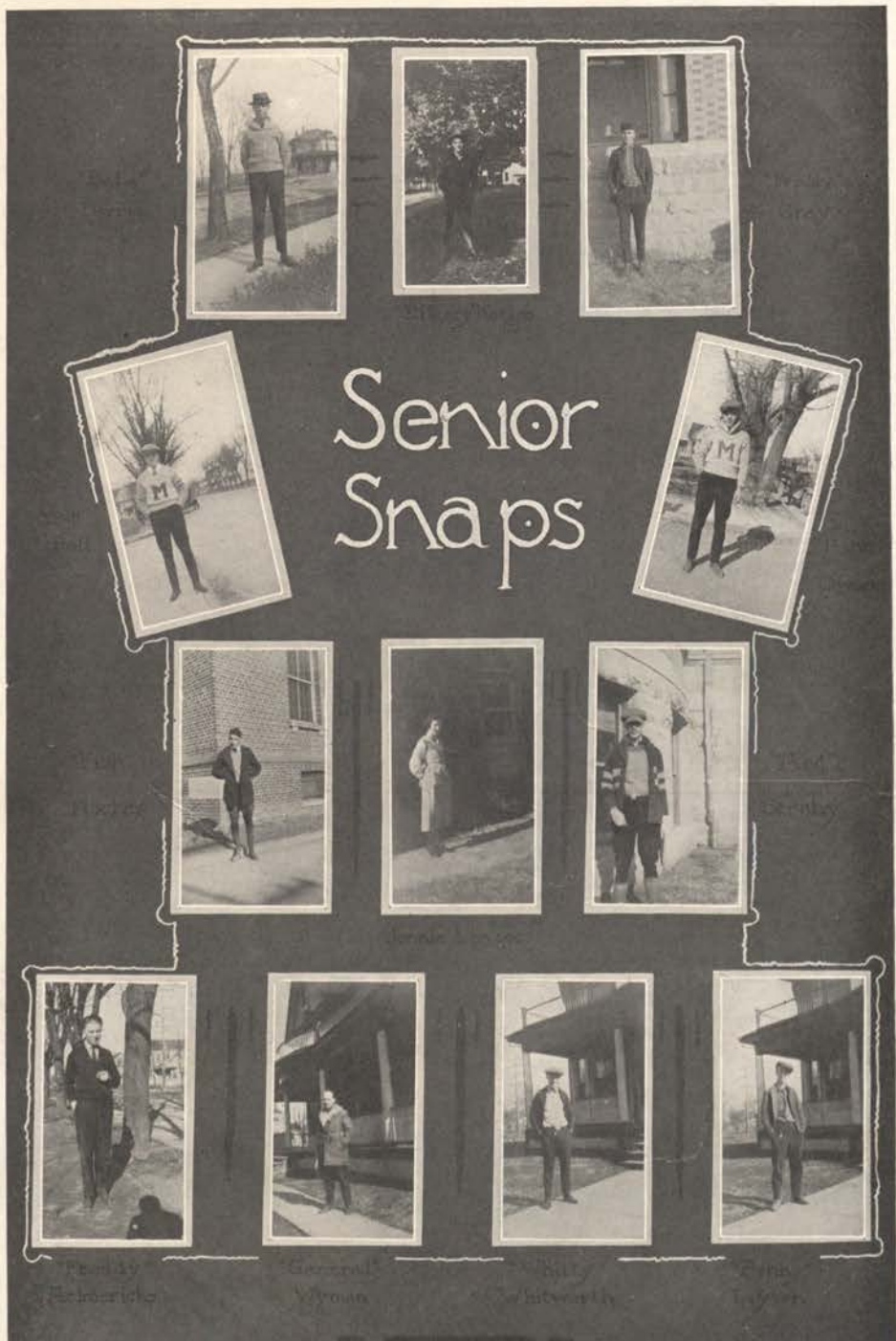
WILLIAM WEEKS BOLT CLASS OF '22
MINE ENGINEERING SPRINGFIELD, ILL.

Independent; Miner's "M" Club; "M" in Football, '19, '20, '21; Missouri Mining and Metallurgical Association.

"Bill" is a real "gun" on the football field. As a student, he got off on the wrong foot, and so has not such a reputation along that line. Nevertheless, his "Is" are few and his "Ss" many. In time, he will supplant Peele as an authority on coal mining.



ROLLAMO



Senior Snaps



ROLLAMO

CLASS of 1922



JOHN L. BULGER CLASS OF '22
MINE ENGINEERING GOVERNEUR, N. Y.

Lambda Chi Alpha; Mercier Club; "M" in Basketball, '20, '21, '22; Miner's "M" Club; Missouri Mining and Metallurgical Association.

Johnny is the official — and unofficial — barber of the Senior Class.



WALKER E. CASE CLASS OF '22.
ELECTRICAL ENGINEERING ROLLA, MO.
Independent; Satyr; Order of I. K. K.; Rollamo Board, '21.

"Lucky" is one of Rolla's native sons who felt the lure of the rushing "Ion." Has given the city power plant question momentous consideration. "Hand me the do-fun, and when I screw the what-you-may-call-it on the thing-a-mabob, turn on the juice."



ELMER FENTON CHAPIN CLASS OF '22.
METALLURGY EAST ST. LOUIS, ILL.

Bonanza; Sigma Gamma Epsilon; Square and Compass; Missouri Mining and Metallurgical Association; A. A. E.

Not a sailor except on the matrimonial sea. He learned to wash dishes in the Marine Corps. In addition to family affairs, he often attends classes.



BERYL ELWOOD CHARLES CLASS OF '22.
MINE ENGINEERING SALINA, KANS.

Bonanza; Theta Tau; Tau Beta Pi; Missouri Mining and Metallurgical Association; A. A. E.

A nature lover, with a soft spot in his heart for rocks. Sermons in stones? And, as those stones change form when spoken to, thus easily does Beryl change his mind.



ROLLAMO

CLASS of 1922



HAROLD L. CHILDRESS CLASS OF '22.
MINE ENGINEERING GALENA, KANS.

Prospector; Missouri Mining and Metallurgical Association.

Harold is rather quiet, but the old saying, "Still water runs deep," holds good. As an excuse for his frequent trips to St. Louis, he claims that he is greatly interested in the "elevation of the drama." We wonder if this can be true, Harold.



GLEN JOYCE CHRISTNER
CLASS OF '22.
MINE ENGINEERING HORTON, KANS.

Bonanza; Satyrs; Miner's "M" Club; Missouri Mining and Metallurgical Association; A. A. E.

Gobby, Old Warrior, if you don't love to crash into the biggest guards at full speed — the bigger, the better — you have us fooled. How can you do it? It's just the old Miner fight, we guess.



HOWARD STANLEY CRAWFORD
CLASS OF '21.
MINE ENGINEERING RIVERIA, CALIF.

Sigma Nu; Tau Beta Pi.

H. S. is an old salt who weathered some pretty rough storms for an education and didn't stop till he reached port with all flags at full mast. We used to think he was leading a double life till we found it was the wife he was running up to St. Louis to see so often.



KURT H. DECOUSSER CLASS OF '21.
MINE ENGINEERING ROLLA, MO.

Lambda Chi Alpha; Square and Compass; M. S. M. Players; Rollamo Board, 1921; B. S. Mining, '21; M. S. Mining, '22.

Kurt can generally be found at H. and S. "We lose on every- thing we sell; but we sell so many....etc."



ROLLAMO

CLASS of 1922



ALVIS FREDERICK DENNISON
CLASS OF '22.

MINE ENGINEERING CUSHMAN, ARK.

Bonanza; Sigma Gamma Epsilon; Tau Beta Pi; A. I. M. and M. E.; A. A. E.

Just an innocent, laughing schoolboy when smitten with heart murmurs. Dr. Dan Cupid gave him an overdose of soothing syrup, and now he can't be soothed without swallowing bottle and all.



GEORGE P. DIERS CLASS OF '21.
METALLURGY EAST ORANGE, N. J.

Bonanza; A. A. E.

A quiet rosy-cheeked lad who had only one date during his scholastic career. It was a three-year, continuous date, without intermission.



H. E. DIERS CLASS OF '21.
METALLURGY EAST ORANGE, N. J.

Bonanza; Sigma Gamma Epsilon; Star and Garter; Business Manager, The Rollamo, '21; A. A. E.

By devoting his time to campus activities and stubborn arguments with Alcorn, he was able to sip the dilute potion of knowledge without the usual sting.



MILBURN L. DORRIS CLASS OF '22.
GENERAL SCIENCE COLLINSVILLE, ILL.

Lambda Chi Alpha; Sigma Gamma Epsilon; Satyrs; Quo Vadis; Pan-Hellenic Council; "M" in Football, '16; "M" in Basketball, '17, '22; Miner's "M" Club.

"Babe" has changed his curriculum so often that he doesn't know what he'll be when he graduates,—a bond salesman or a soda jerker.



ROLLAMO

Senior Snaps





ROLLAMO

CLASS of 1922



W. H. DUNLOP CLASS OF '21.
MINE ENGINEERING BEARDSTOWN, ILL.

Independent; Tau Beta Pi; Theta Tau; Phi Kappa Phi; Diphenyl Dozen; A. A. E.

"Bill" graduated in the summer and is spending this year getting educated. Comes from Beardstown and does his home town right proud. He has had a varied and checkered career: entered in C. E., graduated in Mining, and descended through the Metallurgy department to Chemistry.



ROY E. ERICKSON CLASS OF '22.
CIVIL ENGINEERING MADRID, IA.

Grubstaker; Theta Tau; Rollamo Board; Missouri Mining and Metallurgical Association.

Roy's smile is a sure indication of the arrival of that pink envelope. He smiles every morning. His habit of writing a letter every night has led the Frosh into the belief that he is a student. Knocks the Profs off consistently through force of habit.



PAUL E. FISCHER CLASS OF '22.
MINE ENGINEERING WEBSTER GROVE, MO.

Kappa Sigma; Tau Beta Pi; Sigma Gamma Epsilon; Satyrs; M. S. M. Players; Missouri Mining and Metallurgical Association; "M" in Football, '21; Miners "M" Club.

Never known to miss that daily letter. "Fish" is confident that there is a close relation between a watch, a keg, and the "13th day." He served in the Navy, but is still a little gun-shy.



HOWARD C. FLECK CLASS OF '22.
MINE ENGINEERING EL PASO, TEXAS

Pi Kappa Alpha; Sigma Gamma Epsilon; Rollamo '22; Missouri Mining and Metallurgical Association.

"Speed" is the original two-gun man from Texas, and has spent three winters here trying to keep warm. Went to the Texas School of Mines before he came here, so we can't hold him for that. Goes in heavily for bridge and other kindred sports.



ROLLAMO

CLASS of 1922



JAMES MORRIS FORGOTSON CLASS OF '20.
MINE ENGINEERING ST. LOUIS, MO.
Independent; A. I. M. E.

"Forgy" will argue about anything and everything. Is a true believer in the rest cure. Takes his engineering in homeopathic doses. Has a fondness for ships that pass in the night.



MUIR L. FREY CLASS OF '22.
MINE ENGINEERING LITCHFIELD, ILL.
Prospector; Tau Beta Pi; Mining and Metallurgical Association; Miner Board.

Muir is a hard and consistent worker, both in his studies and in school activities. Spends his spare time spilling red ink on the Frosh English papers. Chief member of the pink letter tribe at the P. O.



WARREN R. GETTLER CLASS OF '22.
METALLURGY HANNIBAL, MO.
Sigma Nu; Theta Tau; Satyr; Pan-Hellenic Council, '21, '22; Student Council, '20, '21; Miner "M" Club; Knight of St. Patrick Delegate, '21, '22; "M" in Football, '21; President Sophomore Class, '20.

"Get," in spite of his Ex-Presidency of the Country Boys Club, knows his buttons when it comes to the fair sex—has a special formula for the solution of the unknown quantity known as "X."



MEYER GOLLOB CLASS OF '21.
MINE ENGINEERING ST. LOUIS, MO.
Independent; A. A. E.; Missouri Mining and Metallurgical Association.

An exponent of the manly art of "wrestling." Known to have been wrinkled once (?). Packman's right-hand man.



ROLLAMO

CLASS of 1922



FRED E. GRAY CLASS OF '22.
METALLURGY MORAN, KANS.
Lambda Chi Alpha; Sigma Gamma Epsilon; Miners "M" Club; A. A. E.

"Freddy hails from New Mexico and is proud of it, but claims that Oklahoma has its good points. The only man Prof. Dean has not thrown erasers at.



FRANCIS RICHARD HALASEY CLASS OF '22.
ELECTRICAL ENGINEERING MARYVILLE, MO.
Independent; Mercier Club.

Frank is the man who invented work. Always gets at the bottom of the deepest problems. Has gained quite a reputation as a guide to Salt Peitre Cave.



STANLEY M. HAYES CLASS OF '21.
MECHANICAL ENGINEERING WELLSVILLE, MO.
Bonanza; Theta Tau; A. A. E.

Taking care of himself was just too easy for Merton. He is just even man enough to take care of — well, — more than one, anyhow. Has no objection to work, provided it doesn't interfere with sleep and "other important things."



JOHN F. HELMERICKS CLASS OF '22.
METALLURGY ST. LOUIS, MO.
Kappa Alpha.

Jake came to us from Washington U., but we can't see that it did him any good. Fond of moonlight walks and the "400" — when he can get there first. An authority on chemical reaction suitable for domestic purposes.



ROLLAMO

Senior

Snap's





ROLLAMO

CLASS of 1922



F. I. HENDERSON CLASS OF '22.
MINE ENGINEERING ST. LOUIS, MO.

Kappa Sigma; Pipe and Bowl; Missouri Mining and Metallurgical Association.

"Fish," the "croppie" from St. Louis, who has a horror of small towns. He plans a trip to see the "West" in Kansas City soon. Although a mining engineer, "Fish" claims he can sell insurance. "Go West, my boy, go West."



JOE T. HODGES CLASS OF '22.
METALLURGY GRANBY, MO.

Grubstaker; Square and Compass; Missouri Mining and Metallurgical Association.

Joe has given much of his time and energy to a search for some rare waters. Tho a Senior, he has hopes of yet finding a sample. Has finally admitted that he alone cannot wrinkle "Babe" Parkhurst. Joe has very faithfully tried to grow a mustache, but as yet has been unsuccessful.



WILLIAM F. HOKE CLASS OF '21.
MINE ENGINEERING LEES SUMMIT, MO.

Kappa Sigma; Miners Cotillion Club.

"Handsome Bill" rightfully deserves his name, for at times he looks "real pretty." He is a social hero, very popular. Has a keen eye for locating kegs at night. We expect big things from you, Bill. Go to it.



FRANCIS HERRON HOLLOW CLASS OF '22.
MINE ENGINEERING CUBA, MO.

Independent; Mercier Club; Satyr; Miner Board, '20, '21, '22.

"Pike" has a master's degree in H. and S. pool lab. Is sometimes erroneously called "Dodecahedron." It is to be hoped that his associations won't lead him to join the I. R. Cs.



ROLLAMO

CLASS of 1922



EDWARD JOHN HOLLOW

CLASS OF '20.

CIVIL ENGINEERING

CUBA, MO.

Independent; A. A. E.; Rollamo Board.

'19,
"Ed." is the founder of the Civil Engineers' Smoking Club. Very backward and unassuming. Never known to talk except when the occasion demanded. Lacks a knowledge of several foreign languages in which better to express himself.



JOHN FRANCIS HOSTERMAN

CLASS OF '22.

MINE ENGINEERING KANSAS CITY, MO.

Pi Kappa Alpha; Theta Tau; Tau Beta Pi; M. S. M. Players; Miners Cotillion Club; Rollamo Board, '21; President Senior Class, '22; Secretary Missouri Mining Association.

"Emily" is one of our great, big, hand some men, and we can't imagine how he ever received his nick-name. Francis would surely have done as well. "Teny rate, he is one of the "guns" of the class and Dr. Woodman's right-hand man.



F. K. MIDDLETON HUNTER

CLASS OF '22.

MINE ENGINEERING SPUYTEN DUYVIL, N. Y.

Lambda Chi Alpha; Tau Beta Pi; Sigma Gamma Epsilon; Quo Vadis; Pipe and Bowl; M. S. M. Players; A. I. M. and M. E.; Missouri Mining and Metallurgical Association; Pan-Hellenic Council, '22; Rollamo Board, '22.

Middleton is a true Englishman and he likes to hark back to the land where there is no Volstead.



JAMES EDWIN JEWELL, JR.

CLASS OF '22.

MINE ENGINEERING KANSAS CITY, MO.

Grubstaker; Tau Beta Pi; Theta Tau; St. Patrick, '21; Business Manager Athletic Association, '20, '21; M. S. M. Players; Missouri Mining and Metallurgical Association.

Jimmy is our song bird,—has been for four years—and one of the pillars of the Church. Noted for his winning way with the ladies. Became a fossilologist and therefore a nightmare to many a budding minerologist. A real fellow when all is said.



ROLLAMO

CLASS of 1922



JAMES EWART LONES CLASS OF '21.
MINE ENGINEERING PASADENA, CALIF.
*Kappa Alpha; A. I. M. and M. E.;
Editor Rollamo, '21; Sigma Gamma Epsilon;
Pan-Hellenic Council, '21; Square and
Compass.*

"Juicy" came to us from Alaska, and he stayed just long enough to get his education and then went back to the coast. He is a hard worker and full of pep all the time. Never seen with any of Rolla's 400 or at any of the dances. Was quite a good speller on occasions. About to get married before long we think.



PAUL HENRY KARGES CLASS OF '22.
METALLURGY KANSAS CITY, MO.

*Pi Kappa Alpha; Tau Beta Pi; Met. and
Chem. Society.*

"P. Henry" was not only a good student while here but also an ardent "fusser." Liked variety and at one time was known to have three dates for St. Pats. Was a jolly good fellow and well liked by all.



FRED A. KAULLEN CLASS OF '22.
CIVIL ENGINEERING JEFFERSON CITY,
Mo.

*Independent; M. S. M. Players; Mercier
Club; A. A. E.*

Fred comes from Jeff City and is proud of it. From our observation he is quite likely to end up in the same place. He can give authentic information on any subject, regardless of whether he has ever heard of it. By reason of his frequent trips to St. James, one of the main factors in keeping Rolla's taxi companies on a paying basis.



E. A. KEELER CLASS OF '22.
MINE ENGINEERING TULSA, OKLA.

*Kappa Sigma; Tau Beta Pi; Sigma
Gamma Epsilon; Rollamo Board, '22.*

Eddie spent his spare time reading the Red Book, Cosmopolitan, and Vanity Fair. Will probably be a geologist. Has been accused of giving rings away.



ROLLAMO

Senior

Snap's





ROLLAMO

CLASS of 1922



IRWIN WILSON KEYES CLASS OF '22.
MINE ENGINEERING RICHMOND, MO.
Pi Kappa Alpha; Sigma Gamma Epsilon; Missouri Mining and Metallurgical Association.

"Wormy" is a student in Geology and takes a great delight in quizzing out-of-town lecturers on Oil and Gas. Thinks Sullivan the model city of the Ozarks and hence visits it quite frequently. Was once known to object to his various nicknames, but that objection was overruled as the fellows just couldn't call him Irwin.



RALPH H. KNIGHT CLASS OF '22.
CHEMICAL ENGINEERING St. Louis, Mo.

Lambda Chi Alpha; Square and Compass; M. S. M. Players; Diphenyl Dozen; Met. and Chem. Society.

With a .38 or .45 at five yards, "Fuzz" can miss an object closer than Tom Mix or Bill Hart or any other marksman who ever flicked a flicker on the silver screen.



F. P. KOHLBRY CLASS OF '22.
MINE ENGINEERING St. Louis, Mo.
Kappa Sigma; Miners Cotillion Club; M. S. M. Players.

"Dutch" is a great admirer of Pekinese dogs. He claims there is no place like St. Louis, but he continually speaks of "the Folks" in Rolla. He will always be remembered as a student, a golf player, and an all-round musician.



ROLAND J. LAPEE CLASS OF '22.
METALLURGY SULLIVAN, Mo.

Grubstaker; Tau Beta Pi; Mercier Club; Missouri Mining and Metallurgical Association; A. A. E.

"Prof." is the one-hundred per cent. student. Never allows the other Profs. to sneak up on him. Greatest ambition is to prove to "Boots" Clayton that an "E" is in the category of M. S. M. Nuf sed!



ROLLAMO

CLASS of 1922



BEN MCCOLLOCH LAYTON

MINE ENGINEERING CLASS OF '23.
FERGUSON, MO.
Pi Kappa Alpha.

"Birdie" is a fine example of a real live wire. Always walks very briskly and was seen to run on several occasions. Is a true "Country Gentleman," having been known to go over the "second rise" with alarming frequency. Delights in "knocking off" the vocates in Math. Dame Rumor has it that he likes to have the girls sit on his lap. Sweet Rest.



MISS JENNIE LYNN LENOX

CHEMICAL ENGINEERING CLASS OF '22.
ROLLA, MO.
Independent; Phi Kappa Phi; Diphenyl Dozen; A. A. E.

"Jennie" is the co-ed of the Class of '22. Miss Lenox is the second lady to receive a degree in the Missouri School of Mines and Metallurgy. She has passed all of the tough courses in the curriculum for herself and some for some of the boys as well. In spite of her status as a co-ed, Jennie is a "regular fellow."



HOMER L. LEONARD CLASS OF '22.
MINE ENGINEERING ROLLA, MO.

Pi Kappa Alpha; Theta Tau; Pan-Hellenic Council, '21, '22; National President Association of Collegiate Engineers; Secy. M. S. M. Players; Miners "M" Club; "M" in Track, '19, '22; Associate Editor Missouri Miner; Pipe and Bowl; Satyr; Miners Cotillion Club; Press Club; Square and Compass.

"Shucks hails from the "largest city in Phelps County," but knows better than to brag about it. Is an ambitious student and won renown as an "E" man in "labs" last semester.



W. R. LUCKFIELD, JR. CLASS OF '22.
MINE ENGINEERING HOMINY, OKLA.

Kappa Sigma; Miners Cotillion Club; Square and Compass; Miner Board, '18, '19, '20, '22.

"Lucky" is said to be the happiest man in Rolla. Oklahoma with all of its attractions, had no charms during vacation. We wonder why? It is rumored that some day he may be a geologist.



ROLLAMO

CLASS of 1922



HARRY CHARLES LOESCHE
 CLASS OF '22.
 MINE ENGINEERING ST. LOUIS, MO.
Bonanza; Square and Compass; Missouri Mining and Metallurgical Association; A. A. E.

An impetuous blond, whose motto, "Act twice before you think" has placed him high in the opinion of—well, let's not get personal. A gentleman because, he knows how a gentleman should say "Good-night,"—but hasn't the will power.



M. C. McCLELLAN CLASS OF '22.
 MINE ENGINEERING EMINENCE, MO.
Independent; Mining and Metallurgical Association; Junior Associate A. I. M. E.; A. A. E.

Arising from Eminence, Freshman "Eko" immediately gained the heights of notoriety as a he-vamp. In some respects, "Wild Bill" has got more out of Rolla than any other student in M. S. M. history. He qualified under one of Sherwood Eddy's three tests, being an earnest (and fast) worker. As a soviet economist, Maurice can write more checks per dollar than Lenine.



J. N. MCGIRL CLASS OF '22.
 MINE ENGINEERING ODESSA, MO.
Independent; Mercier Club.

"Mac" is one of our Christmas graduates. He stayed in Prof. Garret's mechanics class until he graduated, when he had to pass it up. "King of the Diamond" in more ways than one.



E. G. MACHIN CLASS OF '22
 CIVIL ENGINEERING BLUFFTON, MO.
Independent; Theta Tau; Square and Compass.

"Ted" received his early training in Westminster College. "Pride of the Civil Engineers," he is frequently addressed as "Mach" and "Prof.," the latter title being chiefly in vogue among the freshmen surveyors. It is quite a help. He spent last year in the famous Kentucky mountains and has not entirely recovered.



ROLLAMO

"Gobby" Christner



"Lucky" Case



"Moose" Mosera



"Slim" Updike



"Lucky" Luckfield

Senior Snaps.



Jim Jewell



"Eddie" Keeler



"Senator" Reid

"Johnny" Bulger



"RD." Windsor





ROLLAMO

CLASS of 1922



GUY VERDIER MARTIN

CLASS OF '22.

METALLURGY

DENVER, COLO.

Independent; Theta Tau; A. I. M. E.

"Guy" is a man of good common sense whose judgment has never been known to waver. Has lately acquired a microscopic appendage on his upper lip. Has a brooding disposition—cause unknown, but thought to "roll her own."



WILLIAM H. METZGER

CLASS OF '22.

MINE ENGINEERING

ST. LOUIS, MO.

Prospector; Tau Beta Pi; Theta Tau-Missouri Mining and Metallurgical Association.

"Bill" is another "pebble puppy." Industrious and very serious minded. Has one bad quality,—knows too much about Collinsville.



CARL E. MILLIKAN

CLASS OF '22.

MINE ENGINEERING

BUFFALO, N. Y.

Independent; Miner Board, '21, '22; A. A. E.; Missouri Mining and Metallurgical Association; Order of I. K. K.

Carl is one of our practical jokers. Came all the way from Buffalo to become a metallurgist and then turned miner. Studies a little, devotes some time to the "Miner," but is majoring in Pinohcle.



CHARLES C. MOSENA

CLASS OF '22.

MINE ENGINEERING FALLS CITY, NEBR.

Independent; Sigma Gamma Epsilon; Square and Compass; A. I. M. E.

"Mose" is a "diamond in the rough" who represents the Nebraska of fiction. Periodically calls to mind the easy freedom of the pre-Volsteadian Epoch and has been known to go "a-berrying." Beside serving with distinction as Fred Lane's body-guard, he has quite a reputation as an "antihandshaker." Spends his spare time dreaming of savory messes of "Australian rabbit with the hair on."



ROLLAMO

CLASS of 1922



NATHAN PACKMAN CLASS OF '21.
MINE ENGINEERING ST. LOUIS, MO.

Independent; A. A. E.; Missouri Mining and Metallurgical Association.

Packman was one of our summer graduates. Said he believed in getting out while the "outing was good." Was an ardent champion of the A. A. E.



SIDNEY K. REID CLASS OF '22.
MINE ENGINEERING MCALESTER, OKLA.

Lambda Chi Alpha; Quo Vadis; Missouri Mining and Metallurgical Association.

"Senator" is a product of Oklahoma—WHAT? Never heard of OKLAHOMA?—and, when he isn't arguing with Johnnie Bulger, he'll tell you about it.



ERNEST WAYNE REMBERT
CHEMICAL ENGINEERING CLASS OF '22.
JEFFERSON CITY, MO.

Bonanza; Phi Kappa Phi; Diphenyl Dozen; Tau Beta Pi; A. A. E.

"Jeff" would rather sleep than eat and rather work than sleep. Honor man in his class and a good fellow for all that. Had never been in love till he fell for a mustache that adds so to his manly charms and affords protection from feminine attack.



E. H. RUBELL CLASS OF '22
METALLURGY ROLLA, MO.

Grubstaker; Trowel Club; Rollamo Board, '15; Student Council, '15; A. I. M. M. E.

Rubell, alias "Rube," the college hobo, after a varied experience as a chemical expert as evolved a method of growing softshelled cocoanuts on his desert claim in California.



· ROLLAMO ·

CLASS of 1922



ROLENT EARL RICHARDS
METALLURGY CLASS OF '22.
Bonanza. HUTCHINSON, KANS.

"Grandpop" hails from the windiest state in the Union, to which he is a marked contrast—when asleep. Was quite a stepper in his youth, but, in his last years, his doctrine has been: "Rest first or you may rest in pieces."



GEORGE L. RICHERT CLASS OF '22.
MINE ENGINEERING DENVER, COLO.

Prospector; Sigma Gamma Epsilon; Mercier Club; Missouri Mining and Metallurgical Association.

"Smaltz," the self-starter for Truebger's flivver, hails from Colorado. Is a true son of the "Mile High City,"—even upholds the Denver Post. Always claims that Denver is the only city in the U. S. that has any real good-looking girls.



BRUNO RIXLEBEN CLASS OF '22.
MINE ENGINEERING JONESBORO, ILL.
Pi Kappa Alpha; Pipe and Bowl; Missouri Mining and Metallurgical Association; A. I. M. E.

"Rix" likes to talk about "God's Country," and especially about Jonesboro, his native burg in the swamps of Illinois. There was no doubt in our minds about his receiving an engineer's degree after he worked so hard in designing the "box factory" at Frisco Pond. Has achieved fame as an after-dinner speaker. Is a fast thinker and likes to fuss the 400.



A. C. RUCKER CLASS OF '22.
MINE ENGINEERING KEYTESVILLE, MO.
Independent; Vocational.

"Ruck" can (and will if given a chance) tell you more about coal mining than Old Man Peele, himself. Made an "E" in Mine Surveying and is justly proud of it. Has the inside dope on all the Profs. One of his greatest problems is Dr. Boyce's system of grading.



ROLLAMO

CLASS of 1922



H. D. SCRUBY CLASS OF '22.
MINE ENGINEERING CHILlicothe, Mo.
*Kappa Sigma; Pipe and Bowl; Satyr;
"M" in Track, '16, '19.*

"Hod" came to us from Chillicothe College. His specialty was "Rapid Calculation," but now his vocation is a whiskey tenor in the Squeaky Quartet. Alaska and England are his favorite spots.



H. F. SHORE CLASS OF '22.
MINE ENGINEERING CHILlicothe, Mo.
Kappa Sigma; Theta Tau; Pipe and Bowl; A. I. M. E.

"Red" is an old timer in Rolla who knows his eggs. He would rather play with his army rifle than with any girl now in Missouri. Has two hundred hours and an "E" in Golf Lab.



MERTON IRA SIGNER CLASS OF '22.
MINE ENGINEERING TONICA, ILL.
Pi Kappa Alpha; Theta Tau; Quo Vadis; Pipe and Bowl; Miners Cotillion Club; Miners "M" Club; "M" in Basketball, '19, '20, '21, and '22.

"Sig" has made himself popular during his four years at college by his stellar work on the basketball teams and his all-round goodfellowship. His chief diversion is trying to grow a mustache, but it seems "she" won't let him. "Sig" is a real man and will make good.



CHARLES LANDON SMITH CLASS OF '22.
MINE ENGINEERING ROLLA, Mo.
Pi Kappa Alpha.

"Charley" was one of our mid-summer graduates. Was a quiet chap about school but made up for lost time at the weekly "Jimtown dances."



ROLLAMO

CLASS of 1922



KENNETH R. TEIS CLASS OF '22.
CIVIL ENGINEERING PARKVILLE, MO.
Lambda Chi Alpha.

"Pinky" is a true "swivel" engineer, for he swears by the Civil Engineering Department and the Illinois State Highway Department. "Might as well let us go home, Prof., we can take a correspondence course there as well as here."



W. KEDZIE TELLER CLASS OF '22.
MINE ENGINEERING RIVERSIDE, ILL.

Grubstaker; Tau Beta Pi; Theta Tau; President Student Council, '22; President Junior Class, '23; Miner Board. Order of I. K. K.

After one semester at the University of Illinois, Teller decided that he must get farther from Chicago. Likes "chicken sandwiches." His chief pastime during the day is "knocking off" the Profs. A good man who has done much for the school.



EDWARD TORRENCE, JR. CLASS OF '22.
GENERAL SCIENCE ST. LOUIS, MO.

Independent; De Molay; Tau Beta Pi; A. A. E.; Missouri Mining and Metallurgical Association.

Torrence entered with the Class of '23, but he is wearing a mustache this year. One of the few who have gone through all the English courses and survived. Was once seen at half-mast.



FRED F. TRUEBGER CLASS OF '22.
MINE ENGINEERING ST. LOUIS, MO.

Prospector; Theta Tau; Square and Compass; Missouri Mining and Metallurgical Association; A. I. M. M. E.

Fred is a chap who always greets you with a smile. Honest and sincere in all he undertakes. Never known to "crab," even when his "Lizzie" slam-banged him. Gosh!



ROLLAMO

CLASS of 1922



THOMAS GLOVER WEIR
MINE ENGINEERING CLASS OF '22.

WEBSTER GROVES, MO.

Kappa Alpha; Theta Tau; President Student Council, '20, '21; M. S. M. Players; Miners Cotillion Club; Cheer Leader, '21; Glee Club; Missouri Mining and Metallurgical Association; A. I. M. M. E.

Tommy is said to resemble Wallace Reid and delights in being called "The Matinee Idol." Fusses the 400 a little, but we hear he had quite a case while the S. A. T. C. was here. "So glad I met you, Tom. You are so wonderful."



DONALD F. UPDIKE CLASS OF '22.
METALLURGY ROLLA, MO.

Lambda Chi Alpha; Tau Beta Pi; Sigma Gamma Epsilon; Phi Kappa Phi; Manager Athletic Association, '20, '21.

We as Juniors helped haze "Slim" when he was a Freshman. Now he is teaching us Metallurgy and a few other things.



EVERETT JOHN WENDELL
CLASS OF '22.
MINE ENGINEERING PEORIA, ILL.

Kappa Alpha; Theta Tau; Quo Vadis; Captain '21 Football Team; "M" in Football, '21; President "M" Club, '21; Vice-President Athletic Association, '21; Miners Cotillion Club; Missouri Mining and Metallurgical Association; A. I. M. M. E.

"Good Old Dip," he is known to the student body. Has had several cases in Rolla and had as hard luck in them as he had in football. Refuses to take "advice" on his love affairs. Seen once in a while at the K. A. house. Claims to be a student.



E. S. WHEELER CLASS OF '22.
METALLURGY MADRID, IA.

Grubstaker; Tau Beta Pi; Theta Tau; Editor Miner, '21; Student Council, '21; Missouri Mining and Metallurgical Association.

Wheeler gets knocked off real often, making only 95 or some such disgraceful grade. Has been known to take part in devotional meetings that at one time became so serious his friends made the mistake of moving his trunk over. A real worker for M. S. M.



ROLLAMO

CLASS of 1922



VIRGIL LEE WHITWORTH

CLASS OF '20.

GENERAL SCIENCE NEVADA, MO.

Pi Kappa Alpha; President Square and Compass; President Star and Garter, '21; M. S. M. Players; Sponsor De Molay; Orchestra; Secretary Class of '21; A. A. E.

"Chief" is one of our old men who has had an interrupted college career. Likes to talk, and upon any subject you please. Can be found at the picture show or else in the library any time.



PAUL D. WINDSOR CLASS OF '22.

MINE ENGINEERING BELLEVILLE, ILL.

Lambda Chi Alpha; Square and Compass; Pan-Hellenic Council, '22; Rollamo Board, '22; Missouri Mining and Metallurgical Association; A. I. M. M. E.

"P. D." is the coming J. N. Ding of M. S. M. Like the rest of us, he slips at times and fusses one of the 400. Never known to go out without his hair parted along the design known as a straight line.



GLEN SHERMAN WYMAN

CLASS OF '22.

MINE ENGINEERING BROOKLYN, N. Y.

Pi Kappa Alpha; Sigma Gamma Epsilon; American Institute of Mining and Metallurgical Engineers.

"General" hail's from Brooklyn but was never known to brag about it. Famous for coming to school yet never getting there. We wonder if this is the reason he awakens five minutes before class and then sleeps till noon.





ROLLAMO

Degrees 1921

BACHELOR OF SCIENCE IN MINE ENGINEERING

HYMAN I. ALBERT	RUSSELL W. HUNT	WILLIAM F. NETZABAND
HAROLD L. BAILEY	HAROLD W. HURD	HOWARD O. NORVILLE
WILLIAM H. BAXTER	HENRY W. HURST	FELIPE B. ORE
KARL W. BOOKER	ROBERT E. ILLIDGE	NATHAN PACKMAN
CARROLL P. BURFORD	WILLIAM W. KEELER	WILLIAM C. POWELL
KWANG Y. CHANG	HOMER C. KERR	WILLIAM R. QUILLIAM
LAWRENCE COLLINS	GEORGE A. KROENLEIN	THEODORE C. SHERWOOD
LEWIS E. DAVIDSON	NAPOLEON B. LARSH	EDWIN A. SLOVER
AUGUST F. DELALOYE	HENG Y. MA	WILLIAM L. STEWART, JR.
JOHN R. FIEDLER	EDWIN L. MILLER	RICHARD J. STROUP
PERCY G. FORMAN	CHARLES R. MIZE	ROBERT K. STROUP
MEYER GOLLUB	HERBERT W. MUNDT	JAMES M. WILSON
ABNER D. HAHN	HERMAN J. MUTZ	JOSEPH M. WILSON
HOMER A. HOLLINGSHEAD	ALBERT B. NEEDHAM	

BACHELOR OF SCIENCE IN METALLURGY

ARTHUR L. CAIRNS	JOHN G. MILLER	SAMUEL N. SHANFELD
WAYMAN CROW	ROBERT L. MOOK	HUAN P. SHIH
RICHARD L. JOHNSON	JOSEPH H. ROHLOFF	ROBERT N. STUBBS, JR.

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

JULES P. COLBERT	ANVIL C. WILLIAMS
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BACHELOR OF SCIENCE IN GENERAL SCIENCE

GEORGE B. BLOOM	ROBERT BRUCE, JR.	FREDERICK W. SHAW, M. D.
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BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

VERN I. KEETER	LLOYD E. LUMPKIN	MILTON W. WALLACE
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BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

MARION S. BADOLLET	ALBERT C. LAUN	BARNEY NUDELMAN
VICTOR K. FISCHLOWITZ	CHARLES J. MILLAR	ERNEST W. REMBERT
WILLIAM MCK. KAHLBAUM	SAMUEL L. NEVEDOMSKY	HUSTON TAYLOR

MASTER OF SCIENCE IN MINE ENGINEERING

JOHN H. BOWLES, B. S. '08	LEWIS E. DAVIDSON, B. S. '21	WILLIAM W. WEIGEL, B. S. '20
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MASTER OF SCIENCE IN GENERAL SCIENCE

GEORGENA J. CLARKE, B. S. '20	SAMUEL H. LLOYD, A. B.	FREDERICK W. SHAW, M. D., B. S. '21
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MASTER OF SCIENCE IN CHEMICAL ENGINEERING

MARION S. BADOLLET, B. S. '21	BARNEY NUDELMAN, B. S. '21
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ENGINEER OF MINES

JOHN H. BOWLES, B. S. '08	JAMES J. DOWD, B. S. '16	JOHN C. MILLER, B. S. '16
RAOUL CHAVEZ, B. S. '18	WILLIAM H. KAMP, B. S. '17	LAWRENCE J. ZOLLER, B. S. '18
	HARRY A. KLUGE, B. S. '18	

METALLURGICAL ENGINEER

FREDERICK GROTTIS, B. S. '16	ALBERT L. TRENT, B. S. '15
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CIVIL ENGINEER

EDGAR C. M. BURKHART, B. S. '18



ROLLAMO

Juniors



1922



Junior Class

AS of yore, academic leadership in Charlie Fulton's Case-Hardened School for Boys devolves again this year upon the intellectual Class of '23. Juniors, bowed down by the weight of bulky texts, we stagger hither and yon over the campus like tumble-bugs anticipating a hard winter. Responsibility, not without its sobering effect, has been assumed by the upper classmen who strive to impress the lower classes with the serious side of a college career by removing possible impediments to the inexorable onrush of scholastic attainment. Indeed, the more far-sighted and unselfish men among them are actually sacrificing that devotion to scientific study and research so typical of '23's progress, in order to dispose of heavy Ozark Dews which otherwise might befog the feeble mentalities of the festive Frosh and his puerile play-mate, the dog-robber of yesteryear.

Conspicuous both in quality and quantity, '23 again loomed large on the gridiron, pushing the pigskin with great zeal across the white-washed lines of their winded opponents. Nor can track and basketball be said to have been neglected by the class.

A small but representative delegation on the Junior Trip, last summer, looked over many diggings in the United States and Mexico. They loyally upheld the traditions of the class and of M. S. M. in the lands of the "Texicans," Greasers, "Native Sons," and Mormons. In fact, during a royal reception in Jaurez, Mexico, tendered us by our worthy colleagues in the Scientific Club at the Texas School of Mines, El Paso, Professor Forbes was amazed to find his proteges just as proficient in operating the "first motion hoist" as were any of the old Miners (including Buck Montjoy, skipper and end of the famous '14 team), whom the Junior Trippers were fortunate in meeting on the job. No salinity tests, however, were made on waters of the Pacific or of the Great Salt Lake.

Class Officers

W. K. TELLER	<i>President</i>
D. S. MOSBY	<i>Vice-President</i>
S. M. BURKE	<i>Secretary</i>
W. A. WERNER	<i>Treasurer</i>

Student Council Representatives

A. B. PARKHURST

W. K. TELLER



ROLLAMO

Junior Class

HERBERT EMMETT AHRENS.....	Corning, Mo.
WILLIAM JOSEPH ALTON.....	Columbia, Mo.
WILLIAM HENRY BACKER.....	Webster Groves, Mo.
MILO NANSON DeBELL.....	St. Louis, Mo.
KINGSTON MILLER BOWMAN.....	Keokuk, Iowa
ALFRED ARTHUR BOYLE.....	St. Louis, Mo.
PAUL MACFARLAND BROWN.....	Kirkwood, Mo.
JEAN PAUL BRYAN.....	Independence, Mo.
STEPHEN MICHAEL BURKE.....	St. Louis, Mo.
HENRY CLARENCE BUSER.....	Webster Groves, Mo.
ELY TAYLOR CAMPBELL.....	Kansas City, Mo.
FRANCISCO ALEJANDRO CANALES.....	Ayacucha, Peru
WALTER ERIC CASEY.....	Ramsey, Ill.
EVERETT HUNTER CATHCART.....	Kansas City, Mo.
HENRI CHOMEAU.....	Clayton, Mo.
GEORGE THOMAS DIERKING.....	St. Louis, Mo.
JAMES CARTER EDWARDS.....	Jefferson City, Mo.
OWEN RICHARD EVANS.....	Meta, Mo.
ELBA LAFAYETTE FIPPS.....	Salem, Mo.
PAUL EDGAR FISCHER.....	Webster Groves, Mo.
RAGAN FORD.....	Lisbon, La.
WAYNE SHANNON FRAME.....	Salesville, Mo.
WILLIAM PRESCOTT GATTS.....	Hannibal, Mo.
JOHN PEMBERTON GORDON.....	Mission, Tex.
ROBERT FRANKLIN GRADY, JR.....	St. Louis, Mo.
JAMES LAWRENCE GREGG.....	Independence, Mo.
JOSEPH JOHN HABERTHIER.....	Wichita, Kans.
NEIL HAM.....	Montgomery, Ala.
LYNN HARBISON.....	Kansas City, Mo.
GEORGE GODLEY HARRIS.....	Kansas City, Mo.
PAUL CASTLETON HATMAKER.....	East Aurora, N. Y.
MICHAEL VINCENT HEALY.....	Macon, Mo.
PAUL JENT HEGWER.....	Sarcoxie, Mo.
DAVID JOHN HENDRY.....	St. Louis, Mo.
BENJAMIN FRANKLIN HOOVER.....	Trenton, Mo.
LEON SIDNEY HOWALD.....	Rolla, Mo.
HENRY GUERNSEY HUBBARD.....	Crescent City, Fla.
ARMIN BRENE JEWELL.....	Tulsa, Okla.
VERNE GEORGE JOSLIN.....	Rolla, Mo.
CHARLES BAYARD KALEY.....	Gouverneur, N. Y.
WILLIAM MILLER KEELING.....	Falls City, Nebr.
MILLIARD CLAXTON LAY.....	St. Claire, Mo.
ROY ALEXANDER LINDGREN.....	Chicago, Ill.
LEO MORRIS LINZER.....	New York City
RAY McBRIAN.....	Shawnee, Okla.
EARL HOLLINGER McALPINE.....	Haileyville, Okla.
HARRY CHARLES MAREK.....	Sioux City, Ia.
PHILIP FRANCIS MARTYN.....	Cuba, Mo.
FREDERICK PALMGRE MATLACK.....	Overland Park, Mo.
FELIX ZOLLIKAFFER MEEKS.....	Marshall, Mo.
BILLIE RAYMOND MENNIE.....	Hannibal, Mo.
AUGUST FREDERICK MOHRI.....	Kansas City, Mo.
H. MOORE.....	St. Louis, Mo.



ROLLAMO

DONALD SPEED MOSBY.....	Jefferson City, Mo.
FRANK CLEO MULFORD.....	Kansas City, Mo.
RAYMOND EDWARD MURPHY.....	Galena, Ill.
GEORGE FRANCIS NAWN.....	Rolla, Mo.
RAYMOND FITZGERALD ORR.....	Webb City, Mo.
HENRY HARDING PACE.....	Alton, Ill.
AREIS B. PARKHURST.....	Tulsa, Okla.
HARRY SIMANTON PENCE.....	Falls City, Neb.
EDWARD PESOUT.....	St. Louis, Mo.
HAROLD ROBERT POWERS.....	Oshkosh, Wis.
JOHN MILTON REEVES.....	Anderson, Ind.
WALTER EDWARD REMMERS.....	St. Louis, Mo.
KARL AUGUST SCHMIDT.....	Springfield, Mo.
GUY ROBERT SCOTT.....	Diamond, Mo.
IRWIN STERNBERG.....	Kansas City, Mo.
STUART ESSELMAN STORRS.....	Hannibal, Mo.
SAMUEL HENRY STUART.....	Rolla, Mo.
DONALD SAMUEL TEDFORD.....	Rolla, Mo.
WARREN EVERETT TEN EYCK.....	St. James, Mo.
WILLIAM EARL TETER.....	Bunker Hill, Ill.
CHARLES CYRUS TEVIS.....	Holden, Mo.
THOMAS MOFFATT THOMPSON.....	Goodland, Kan.
LAWRENCE THOMY.....	St. Louis, Mo.
EDMUND ROWLAND TRAGITT.....	Rolla, Mo.
WILLIAM HENRY WALLING.....	Dayton, Wyo.
DAVID FRANCIS WALSH.....	St. Louis, Mo.
JOSEPH MELCHING WANENMACHER.....	Steubenville, Ohio
MARION WHITFIELD WATKINS.....	Memphis, Tenn.
VANCE HERSHAL WEBSTER.....	Anderson, Ind.
MELVIN POWELL WEIGEL.....	Rolla, Mo.
WALTER AUGUST WERNER.....	St. Louis, Mo.
AUGUSTUS BENTON WILKERSON.....	Aurora, Mo.
JOSEPH WORLEY.....	Noblesville, Ind.
GEORGE AUGUST ZELLER.....	St. Louis, Mo.
ROBERT CAVEO ZEVALLOS.....	Callao, Peru
DESIDERUS ZIMMERMAN.....	St. Louis, Mo.
HENRY EUGENE ZOLLER.....	Tulsa, Okla.
SAMUEL IRWIN ZOOK.....	Buffalo, Kan.



ROLLAMO





Calendar—Continued

- Jan.* 6.—Miners back with new resolutions.
Registration has become too complicated for most of us.
- Jan.* 7.—AXA repairing damages of "Fuzz"
Knight's New Years party.
- Jan.* 8-9-10.—
Sherwood Eddy: "Are you honest?"
Finals—Inter-Fraternity Club Basketball tournament. AXA wins.
Tau Beta Pi announces Scholarship trophy. Now watch grades pick up.
Miners open conference Basketball season.
Going strong—Culver-Stockton, 3; Miners, 41.
Buddy Cairns gives "Shucks" Leonard special instructions in assaying.
- Jan.* 16.—Miners, 27; Drury, 8.
- Jan.* 18.—Miners, 35; Wm. Jewell, 11.
- Jan.* 20.—Tau Bet pledges six men.
- Jan.* 25.—Miners, 33; St. Louis U., 12.
- Jan.* 26.—Miners, 29; St. Louis U., 11.
- Jan.* 27.—Miners, 23; Millikin, 22.
- Jan.* 28.—Miners, 25; Millikin, 13.
- Jan.* 30.—Phi Kappa Phi pledges decorated.
"M" Club initiates 14 new men.
- Feb.* 2.—Independent Smoker. Good Smoker.
- Sunday,*
Feb. 5.—Prof. Prichard's Analytic class all turn out for Sunday School.
- Feb.* 6.—Prof. Clayton invents a combination crucible holder and thermo-couple.
- Feb.* 7.—Junior class meeting ???
Theta Tau announce pledges.
- Feb.* 10.—A. C. E. holds three-day convention.
Play, "It Pays to Advertise," for Rollamo. Good show.



ROLLAMO

SOPHOMORES



1922



Sophomore Class

HAIL! Hail! The Gang's All Here!" So sang we, the Class of '24, in September. No longer were we verdant Frosh; we had become the potent and powerful Sophs. The first milestone had been passed.

The Class of '24 manifested itself, beginning the second year of its scholastic life, with khakis on and paddles in hand to teach the homesick Freshman the ways of M. S. M. We succeeded in putting forth an excellent curriculum, applying sufficient vigor and energy to our teachings. The effect has been so noticeable that we take inordinate pride in our latest Rolla college boys.

The year previous we had ourselves entered Rolla with frightened faces; we soon, however, became acquainted and made ourselves known. We gained our first honor by defeating the Sophomores in the annual Sophomore-Freshman football game. Following this came the much-heralded class smoker. It was a great success — ask Fred Smith!

The class is unusually strong in athletics, having a number of letter men. Buck and Kenning won their "M's" in football; Kemper, McClelland and Haywood in basketball; and Carleton Smith in track.

However, the Class of '24 has not attained glory in athletics alone: its most important accomplishment is its ferocious pursuit of knowledge and its brilliant elimination of the academic curricula.

We have served and supported M. S. M.: we shall continue so to do.

Class Officers

CARLETON SMITH.....	<i>President</i>
CLAUDE KEMPER.....	<i>Vice-President</i>
A. W. WALKER.....	<i>Treasurer</i>
C. G. BOWERS.....	<i>Secretary</i>



ROLLAMO



1922



ROLLAMO

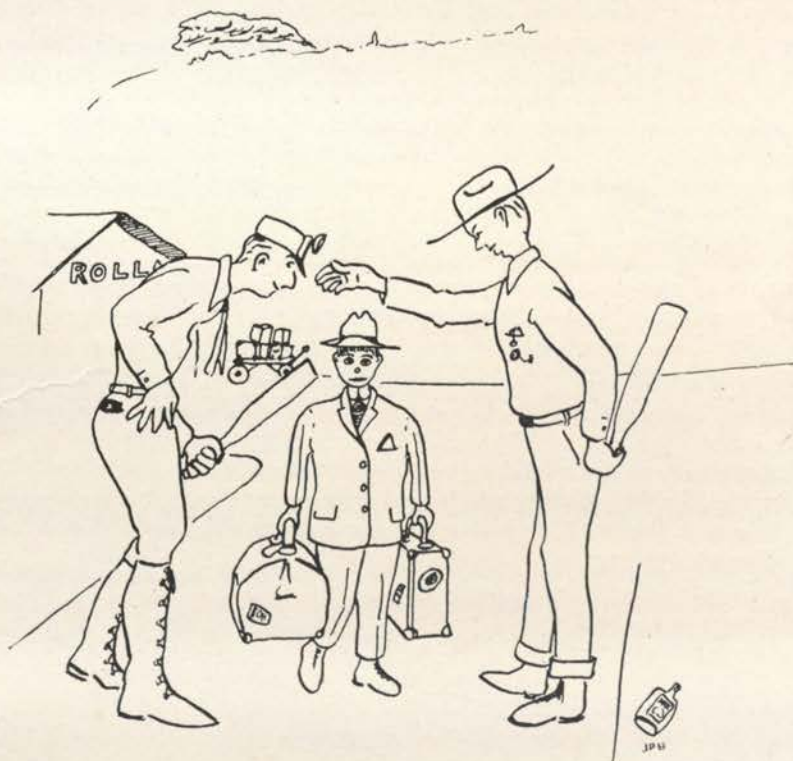
Class Roll

M. L. ATKINSON.....	Chadwick, Mo.	W. McDONALD.....	Ft. Worth, Tex.
R. A. BALLINGER.....	Gallatin, Mo.	C. W. MAGALIS.....	Dallas, Tex.
E. H. BECK.....	Des Moines, Ia.	H. C. MAREK.....	Rolla, Mo.
P. L. BLAKE.....	Lynn, Mass.	W. MIKELL.....	Augusta, Ga.
JNO. BLICKENSBERFER.....	Lebanon, Mo.	D. L. MOODIE.....	St. Louis, Mo.
R. A. BLOUNT.....	Porosi, Mo.	R. T. MUENCH.....	Washington, Mo.
R. O. BOHN.....	West Union, Ill.	A. E. NAYLOR.....	Rolla, Mo.
C. G. BOWERS.....	Carrollton, Mo.	E. B. O'BRIEN.....	Little Rock, Ark.
A. E. BUCK.....	Rolla, Mo.	V. RICHARDSON.....	Edenburg, Ill.
J. P. CAMPBELL.....	Doniphan, Mo.	A. E. RUNGE.....	Glendale, Mo.
J. CASTELLI.....	Knob View, Mo.	B. SAMPLES.....	Booneville, Ind.
J. H. CHRISTOPHER.....	Warrensburg, Mo.	C. F. SCHAEFER, JR.....	Pittsburgh, Pa.
WM. E. COX.....	Hannibal, Mo.	W. A. SCHAEFER, JR.....	Rock Island, Ill.
W. B. CRUTCHER.....	Rolla, Mo.	LEO. SCHAPIRO.....	Chicago, Ill.
C. B. DAVIS.....	Rolla, Mo.	H. O. SCHRAMM.....	Elm Hurst, L. I.
H. R. DRUOT.....	Tulsa, Okla.	F. L. SEIVER.....	Salina, Kans.
M. N. DUNLAP.....	Monette, Mo.	W. B. SHARP.....	Marshall, Mo.
O. H. EBLE.....	St. Louis, Mo.	C. Y. SHIH.....	Foo Kien, China
J. C. EDWARDS.....	Jefferson City, Mo.	W. E. SIMPSON.....	Eldon, Mo.
H. V. FAIRCHILD.....	Leadville, Colo.	C. W. B. SITZLER.....	St. Louis, Mo.
D. J. FLESH.....	St. Louis, Mo.	C. SMITH.....	Richmond, Ind.
R. FORD.....	Lisben, La.	C. E. STOVER.....	Rolla, Mo.
G. C. GABLER.....	Coffeyville, Kans.	F. N. STRONG.....	Marshfield, Mo.
R. R. HAMILTON.....	Rolla, Mo.	I. SUBLETT.....	Texarkana, Tex.
H. H. HEIDTMAN.....	Wright City, Mo.	W. E. TEN EYCK.....	St. James, Mo.
J. O. HUNT.....	Hannibal, Mo.	J. V. TERRILL.....	Moberly, Mo.
EDW. HUNTING.....	Cresco, Ia.	P. F. THOMPSON.....	Goodman, Kans.
A. C. HUTCHENS.....	Senath, Mo.	A. W. WALKER.....	East Orange, N. J.
D. B. JETT.....	Rolla, Mo.	W. H. WALLING.....	Dayton, Wyo.
C. L. KEMPER.....	St. Louis, Mo.	C. A. WALLS.....	McAlester, Okla.
C. B. KENTNOR.....	St. Louis, Mo.	J. M. WASMUND.....	Vinita, Okla.
H. H. KESSLER.....	St. Louis, Mo.	W. S. WRIGHT.....	Sedalia, Mo.
W. E. H. KNIGHT.....	Joplin, Mo.	D. ZIMMERMAN.....	St. Louis, Mo.
M. M. McCLELLAND.....	Centralia, Ill.		



ROLLAMO

FRESHMEN



1922



Freshman Class History

THE history of a nation is a record of the achievements of its great men; not so, the history of a class. Our class history is a record of our fortunes and misfortunes, our trials and achievements. Our short, tho eventful history began when, on the 28th of August, the first of our numbers arrived upon the scene of action. It quickly became a scene of action, as all will long remember. The Sophs manifested a strong desire for all kinds of amusement, such as extemporaneous speeches, songs, and aquatic sports. These entertainments were not always promptly rendered: hence they made liberal use of the barrel stave—their favorite mode of persuasion. On Friday night, of the first week of school, we accorded them a more substantial form of amusement in which, however, they were the victors, due to superior numbers. Thus passed the first exciting week.

Then came the annual migration of new-comers to the fairgrounds on Sunday eve. The night was gloomy; not so the Freshmen. A large fire was built and the night was spent in telling stories, singing songs, choosing yells, and getting acquainted. Early morning saw the newly organized army marching toward the customary battle ground. Were we discouraged? Not in the least! We gave our new yell, sang the Mining Engineer, and discussed the Sophs in no uncertain terms. At nine o'clock the Sophs came on the field, the pistol fired, and the fight was on. We were defeated, of course; that was foreordained. Nevertheless, many were the Sophs who were tied and re-tied before the last Freshman on the field was compelled to yield to superior numbers. The class circus followed, wherein the placarded and paint-smeared Freshmen showed their sportsmanship by performing various stunts for the eager spectators. After the circus we received small green specks which were called caps, and which we carefully guarded and wore until "green cap night," when we disposed of them with fitting ceremony.

Our smoker, which was held a little later than usual on the fourteenth of January, made us feel at home and as if we were true Miners. It was a real smoker, as everyone is willing to admit, and the dancing girls enjoyed quite a huge success,—at least they seemed very popular with some of the upperclassmen.

Our history has been very promising in many respects. We have had no outstanding scholastic stars, it is true; but the class, as a whole, has maintained a high standard of scholarship. Nor have we sacrificed athletics or other college activities to do this. We were represented in football by Nolen, Hasselman, Springer, Ledford, Parker, and Sutton. Our representatives on the basketball squad were Parker, Springer, and Burg. Valerius has been more than once before the public in school plays. In each field of activity, we have borne a creditable share.

When the last class has been dismissed in April, we will return to our homes, our hearts filled with loyalty to M. S. M., and we will be back again in August to take up and bear ever upward and onward the standards and ideals of the class and the traditions of the school.

Officers

JACK NOLEN.....	<i>President</i>
P. W. FAUDI.....	<i>Vice-President</i>
R. A. PARKER.....	<i>Secretary</i>
W. B. HARDWICKE.....	<i>Treasurer</i>



ROLLAMO



1922



ROLLAMO

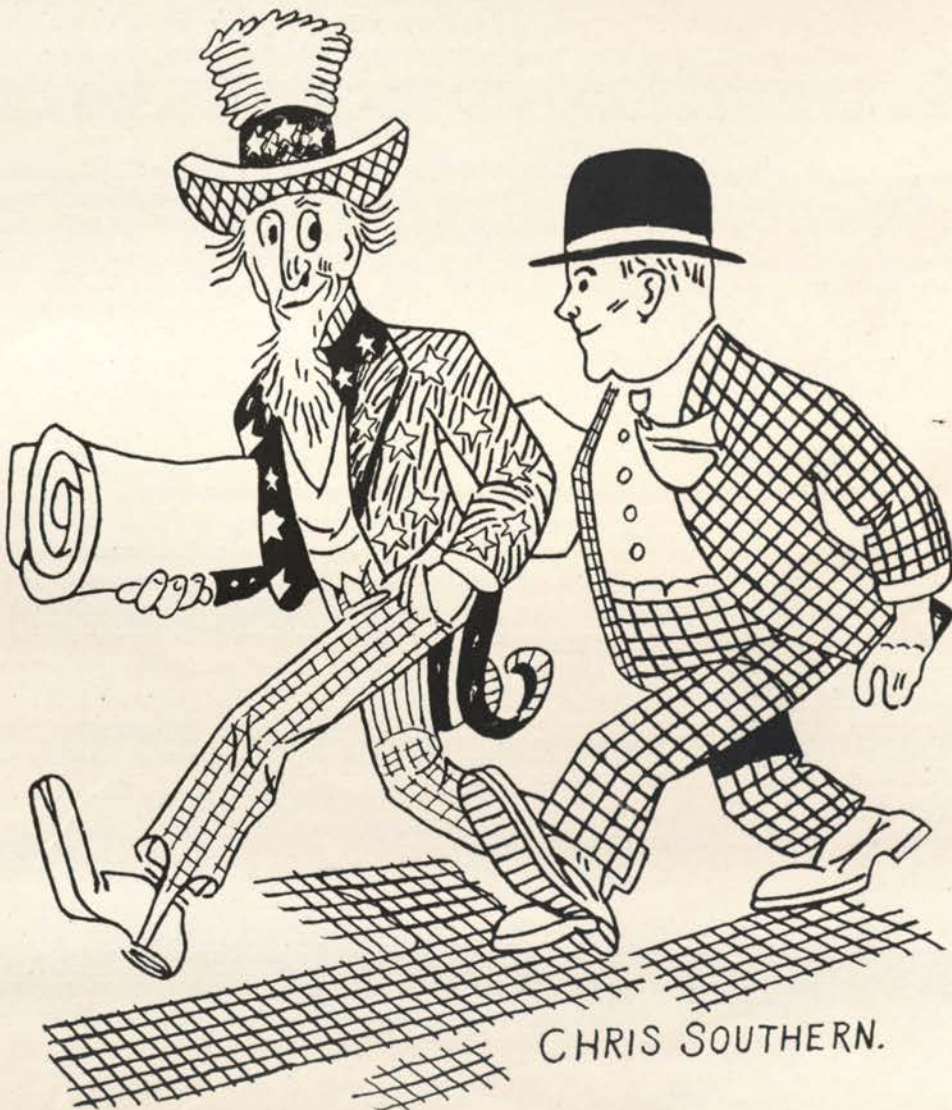
Class Roll

H. D. AINSWORTH.....	Roodhouse, Ill.	FRANK JACKSON.....	Duncan, Okla.
D. R. BAKER.....	Kansas City, Kans.	F. C. KEITH.....	Leadwood, Mo.
W. R. BERRY.....	St. Louis, Ill.	I. J. KNOEBLE.....	Belleville, Mo.
W. F. BOSSERT.....	Rolla, Mo.	B. J. Letts.....	Jefferson City, Mo.
W. E. BREVOORT.....	Vincennes, Ind.	M. LEVEY.....	St. Louis, Mo.
C. R. BROWN.....	Rolla, Mo.	MIKE LEEDFORD.....	Tulsa, Okla.
B. L. BROWNING.....	Mt. Rose, Mo.	C. L. MARTIN.....	Sullivan, Mo.
W. A. BURG.....	St. Louis, Ill.	F. C. MARTIN.....	Morris, Ill.
LEO. BURNETTE.....	St. Louis, Mo.	E. K. MING.....	Greenfield, Mo.
J. E. COUCH.....	Hannibal, Mo.	G. W. MERRILL.....	Carthage, Mo.
J. COLLIER.....	Mt. Grove, Mo.	R. K. MILLER.....	Vincennes, Ind.
C. CUNNINGHAM.....	Carekoge, Mo.	W. L. MILLER.....	Redwood City, Cal.
I. R. DOOLITTLE.....	Broken Arrow, Okla.	J. NOLAN.....	Hannibal, Mo.
K. A. ELLISON.....	Sapulpa, Okla.	R. A. PARKER.....	Muskogee, Okla.
P. W. FAUDI.....	St. Louis, Mo.	G. H. Pett.....	Schuyler, Neb.
D. N. GRIFFIN.....	Joplin, Mo.	J. H. REID.....	McAlester, Okla.
W. R. GROCHAN.....	Kirkwood, Mo.	J. F. ROOD.....	Kansas City, Mo.
E. J. GORMAN.....	Davenport, Ia.	C. W. REUH.....	Rolla, Mo.
L. GROSCH.....	St. Louis, Mo.	H. C. SCOTT.....	Leadwood, Mo.
G. D. GAINS.....	Slater, Mo.	L. E. SHIRE.....	Mexico, Mo.
WM. GOODWIN.....	Pickneyville, Ill.	P. A. SMITH.....	Collinsville, Okla.
W. B. HARDWICKE.....	Stratford, Conn.	L. R. SPRINGER.....	El Paso, Tex.
K. F. HASSELMAN.....	Rock Rapids, Iowa	J. STOGSDILL.....	Vida, Mo.
WM. KOUCH.....	St. Louis, Mo.	P. TERRY.....	Gault, Mo.
CARL. HEIM.....	Huntingburg, Ind.	J. D. THOMAS.....	Oblong, Ill.
A. L. HEITMAN.....	Wright City, Mo.	D. UNDERWOOD.....	Donnillille, Ill.
W. J. HILL.....	Vinita, Okla.	C. N. VALERIOUS.....	Tulsa, Okla.
O. J. HORROM.....	Rolla, Mo.	R. D. WARD.....	Webster Grove, Mo.
E. S. HOWARD.....	Chamois, Mo.	F. A. WEIRICH.....	Spring Bluff, Mo.
B. L. IMUS.....	Savannah, Mo.	O. WILSON.....	Rolla, Mo.
C. C. IVING.....	Packwood, Iowa	J. SARGENT.....	Tulsa, Okla.
W. E. IVANS.....	Secret Water, Tenn.		



ROLLAMO

VOCATES





History of the Vocational Department

VOCATIONAL education was instituted at the Missouri School of Mines in January, 1919, with Dr. A. L. McRae acting as Counsellor. Thirty students were enrolled. The courses given these men were special courses along mechanical and electrical lines. The majority of the men, however, were enrolled in the mechanical courses, which consisted of drafting, ore analysis, and ore assaying. Some few, following branches of electrical work, were enrolled in the electrical courses. These courses were, in the opinion of the Federal Board for Vocational Education (now the Veteran's Bureau), to be completed in one year.

In January, 1920, C. E. Bardsley, '18, was elected Counsellor, and a room in the Rolla building was fitted up as Vocational Headquarters. Soon after taking charge, Prof. Bardsley began to arrange a course in Topographical Engineering. This course, which is now one of the major courses in the Vocational Department, looked so good that a number of men transferred to it from the other courses. Quite a few men, on the other hand, considered it too "stiff" and changed to other schools. This process of elimination brought the total number of "trainees" down to seventeen. Prof. Bardsley, undaunted by losing these men, "carried on" with the remainder, making such progress that he attracted the attention of the United States Geological Survey, which resulted in Major C. E. Cooke being sent down from Washington, D. C., to help organize the new department. The Major has a record of upwards of thirty years with the survey, and is a master in the art of Topographic Engineering.

With these two worthy men at the head, the department grew into the present organization, with a personnel of thirty and an enrollment of more than two hundred. Three separate courses were placed in the curriculum: Topographic Engineering, Highway Engineering, and Oil Field Engineering. These courses are in addition to the regular courses offered by the school to those men having the necessary preliminary preparation.

The course of instruction in Topographic Engineering covers a period of from one to two years, depending upon the adaptability of the student; upon the completion of the course, he will have covered by actual field practice everything pertaining to the use of the plane-table, the transit, and the level, and will have become proficient, with reasonable application, in the delineation upon a plane surface of the work done in the field with these instruments. Besides this, he will have a practical knowledge of Mathematics, English, Geology, Astronomy and other kindred subjects. The department has received assurance from the U. S. G. S. that it will employ every man who successfully completes this course of training. The staff in this work is as follows:

Major C. E. Cooke, Professor of Topographic Engineering
C. E. Bardsley, Assistant Professor of Topographic Engineering
T. T. Ranney, Instructor in Topographic Engineering
W. B. Brewer, Instructor in Topographic Engineering
E. E. Decker, Instructor in Topographic Engineering

The Highway Engineering Department offers a one to two year course in the fundamental principles of highway and bridge construction, which includes field practice in the use of the transit and the level, and offers practice in computing and drawing up the results of this field practice. The object of this course is to train men, who possess a limited education, to compete in practice with men who possess a broader, but less specialized, engineering education. The Department has assurance from the various State and County Highway Commissions that all of the men successfully completing this course will be given positions. The staff is:

H. O. Garst, '09, Professor of Highway Engineering
W. C. Zeuch, '18, Assistant Professor of Highway Engineering
Ray Dennison, '21, Instructor in Highway Engineering
Charles B. Kaley, '23, Instructor in Highway Engineering



ROLLAMO

The Oil Field Engineering Course consists of a practical one- to two-year study of oil field production methods, mapping, scouting, field geology, land law, Mathematics, and English, with the purpose of turning out men who can step into the oil fields well qualified to hold positions as oil draftsmen, scouts, leasers, etc. Mr. E. H. Woolrych, the originator of this course here, is the present head of the Department of Oil Engineering. He has had a number of years of actual experience in the oil fields and has proven himself well qualified to teach this work. A number of oil companies have signified their desire to employ graduates of this course. Instructors in this work are:

E. W. Woolrych, Instructor in Land Law, Drawing, Oil Production Methods, and Oil Property Valuation.

W. W. Bolt, '22, Instructor in Oil Geology.

Mathematics, being the foundation on which all engineering work is built, is the main study for the men taking Vocational work, and for this reason a complete department was organized especially for this purpose. This department offers courses in all branches of Mathematics, from Arithmetic to Advanced Trigonometry. Mr. V. K. Fischlowitz, '20, the head of this department, deserves much credit for the splendid organization he has developed. There is also an English Department, where a thorough course in business English, Rhetoric, and sentence analysis is taught. Professor E. L. Johnson was originally in charge of this work, and deserves commendation for his methods of teaching and his general interest in the welfare of the students. Professor S. P. Bradley, the present instructor, although recently appointed has already done good work and is held in high esteem by all of his students.

All of the office work of the department, up to January, 1921, was being handled between classes by Prof. Bardsley, assisted by Mr. Decker and Miss Underwood. But at this time it was quite a task for even the tactful Bardsley to give each man the required assistance. Consequently Mr. H. J. Teas, '17, was appointed by the Board to act as Co-ordinator, to adjust and harmonize the relations between the Veterans' Bureau and the Trainees. Miss Underwood at this time accepted a position with the school, and the vacancy thus created was filled by Miss Ada G. Sanders.

On December 1, 1921, Miss M. Papenhausen, a Government trained nurse, was assigned to the department to look after the health of the men.

Class Officers

C. W. CAMPBELL.....	<i>President</i>
E. L. HEALEY.....	<i>Vice-President</i>
S. I. ZOOK.....	<i>Secretary</i>
H. R. LINDENBERGER.....	<i>Treasurer</i>
A. W. MEYERS.....	<i>Sergeant-at-Arms</i>



ROLLAMO





ROLLAMO

Class Roll

G. S. ALEXANDER.....	Hancock, Mo.	O. C. COPE.....	Rolla, Mo.
W. J. ALTON.....	Columbia, Mo.	M. P. CORRIDON.....	Kansas City, Mo.
G. A. AMSBERG.....	Rolla, Mo.	P. C. CRANE.....	St. Louis, Mo.
J. L. ANGEL.....	St. Louis, Mo.	E. G. CREWS.....	Nardin, Okla.
M. L. ATKINSON.....	Springfield, Mo.	D. L. CRIPPEN.....	Hutchinson, Kans.
E. E. BAKER.....	Rolla, Mo.	H. E. CUMMINS.....	Rolla, Mo.
GUY BAKER.....	Fredericktown, Mo.	H. J. CURRY.....	Campbell, Mo.
OTTO BALL.....	Atchison, Kans.	W. C. DAVIS.....	Licking, Mo.
SETH R. BEACH.....	Emporia, Kans.	J. DIMITRY.....	Overland, Mo.
J. D. BEHNKE.....	Wyoming, Ia.	G. R. DYER.....	St. Louis, Mo.
R. R. BELEW.....	Salem, Mo.	S. H. DYKSTIA.....	Omaha, Neb.
M. E. BENT.....	Rolla, Mo.	R. S. EDMINISTON.....	Vandusen, Mo.
J. J. BETTAG.....	St. Louis, Mo.	ELMER ELSHIRE.....	Atkin, Minn.
F. G. BISCH.....	Bonne Terre, Mo.	W. M. EPPERSON.....	Rolla, Mo.
MAX BOTHWELL.....	St. Louis, Mo.	O. H. EVANS.....	Brays, Mo.
R. BRANDT.....	Chillicothe, Mo.	O. R. EVANS.....	Gange, Mo.
J. E. BRANNAN.....	El Dorado Springs, Mo.	F. O. FINK.....	Rolla, Mo.
M. F. BRAUN.....	St. Louis, Mo.	E. L. FIPPS.....	Salem, Mo.
F. W. BROOKS.....	Horner:ville, Mo.	D. M. FOLLETTE.....	St. Louis, Mo.
F. L. BROOM.....	Sylvia, Kans.	L. A. FREEMEN.....	Rolla, Mo.
R. O. BROWN.....	Moberly, Mo.	E. P. GEGAN.....	Rolla, Mo.
R. H. BRUMLEY.....	St. Louis, Mo.	G. W. GERDTS.....	Rolla, Mo.
J. E. BURLEY.....	Wichita, Kans.	S. M. HAYES.....	Wellsville, Mo.
W. H. BUSCH.....	St. Louis, Mo.	S. P. HARMER.....	Burbon, Mo.
G. F. BERRY.....	Tampa, Fla.	P. F. HAWORTH.....	Elkwood, Neb.
T. H. BECK.....	Des Moines, Ia.	L. F. HAZELWOOD.....	Alton, Ill.
G. E. BISHOP.....	Wichita, Kans.	E. L. HEALY.....	Creston, Ia.
H. J. BOWMAN.....	Pierce City, Mo.	P. A. HOLLAR.....	Topeka, Kans.
F. A. BULLINGTON.....	Hayti, Mo.	T. HOLLIDAY.....	Pollock, Mo.
M. BECKER.....	New York	A. M. HOPE.....	Doniphan, Mo.
C. W. CAMPBELL.....	Sedalia, Mo.	CHARLES HOPE.....	Doniphan, Mo.
L. A. CASSILL.....	Mountain Grove, Mo.	M. R. HOWARD.....	Springfield, Mo.
E. F. CHAPIN.....	Rolla, Mo.	M. J. HARDIN.....	Stella, Mo.
A. E. CHATILLION.....	Dupo, Ill.	J. N. HARRIS.....	Neosho, Mo.
J. CLEARMAN.....	Liberal, Kans.	FRED HOLLOWAY.....	Lincoln, Mo.
WILLIAM COFFMAN.....	Rock Mount, Mo.	LONNIE HAWKINS.....	Rolla, Mo.



ROLLAMO

L. B. HOPKINS.....	Maplewood, Mo.	J. E. MITCHELL.....	Rolla, Mo.
A. B. JOHNSON.....	Springfield, Mo.	G. H. MILLER.....	Overland, Mo.
G. W. JOHNSON.....	Rolla, Mo.	B. MARNEY.....	Joplin, Mo.
R. A. JOHNSON.....	Pleasant Hill, Mo.	A. R. MORRIS.....	Williard, Mo.
H. P. JONES.....	Rolla, Mo.	F. P. NANTISSA.....	New York
W. J. JONES.....	Edwardsville, Ill.	H. I. NAPPER.....	Springfield, Mo.
R. H. JONES.....	Buffalo, Mo.	C. B. NEIL.....	Republic, Mo.
J. E. JESSE.....	St. Louis, Mo.	E. H. NEIL.....	St. Louis, Mo.
W. M. KILGORE.....	Slater, Mo.	E. H. NELSON.....	St. Louis, Mo.
D. KIMBLE.....	St. Louis, Mo.	R. P. NELSON.....	St. Louis, Mo.
F. R. KORTE.....	Arkansas City, Kans.	R. S. NOLEN.....	Aurora, Ill.
E. C. KRUSE.....	St. Louis, Mo.	T. J. O'BRIEN.....	St. Louis, Mo.
R. J. KUNDER.....	Macon, Mo.	S. B. O'HARA.....	Rosedale, Mo.
W. J. KASCH.....	Webster Groves, Mo.	P. W. OST.....	St. Louis, Mo.
G. L. KNIGHT.....	Joplin, Mo.	I. K. OWENS.....	Rolla, Mo.
D. KENNEDY.....	St. Louis, Mo.	M. E. OVEREEN.....	Ramsey, Ill.
C. M. LANCASTER.....	Omaha, Neb.	J. R. PATTON.....	Columbus, Kans.
A. E. LONG.....	East St. Louis, Ill.	J. W. PASLEY.....	Mexico, Mo.
R. J. LAPEE.....	Sullivan, Mo.	J. A. PHILLIPS.....	Warm Springs, Ark.
W. O. LARSON.....	Lingrove, Ia.	O. P. PIRTLE.....	Rolla, Mo.
FRANK LAWTON.....	Doniphan, Mo.	W. D. PHILLIPS.....	Fredericksburg, Ia.
H. P. LAWRENCE.....	Rolla, Mo.	FRANK POST.....	Midville, N. J.
H. R. LUCAS.....	Mammoth Springs, Ark.	R. RICHARDSON.....	Campbell, Mo.
J. R. LUMBLEY.....	Galena, Kans.	JOHN RIDDLE.....	Marion, Kans.
B. F. LYONS.....	St. Louis, Mo.	W. D. RODGERS.....	St. Louis, Mo.
C. C. LAUNIUS.....	Bloomfield, Mo.	P. ROLLHANS.....	St. Louis, Mo.
J. A. LOGAN.....	Rolla, Mo.	R. D. ROSELL.....	Norborne, Mo.
J. N. McDONNELL.....	St. Louis, Mo.	A. J. ROWLAN.....	Duke, Mo.
R. R. MCGEE.....	St. Louis, Mo.	A. C. RUCKER.....	Keytesville, Mo.
O. MCGIRL.....	Rolla, Mo.	E. R. ROSIER.....	St. James, Mo.
F. R. MCKOWN.....	St. Louis, Mo.	L. H. SANDERSON.....	Fulton, Mo.
B. S. MCKINLEY.....	Dara, Mo.	E. B. SCHRAM.....	St. Louis, Mo.
F. P. MATLOCK.....	St. Louis, Mo.	E. J. SCHREMP.....	St. Louis, Mo.
J. MEFFORD.....	Crittenden, Mo.	J. T. SCHULTZ.....	Springfield, Mo.
A. MEGLISCH.....	St. Louis, Mo.	W. T. SCRAFTON.....	Rolla, Mo.
A. G. MEIER.....	Kirkwood, Mo.	E. A. SHIRLEY.....	Kennett, Mo.
A. W. MEYER.....	Rolla, Mo.	W. J. SHUPE.....	Chariton, Iowa
M. T. MILFORD.....	St. Louis, Mo.	E. L. SMITH.....	Rolla, Mo.
H. MILSTEAD.....	Rolla, Mo.	E. T. SMITH.....	Kansas City, Mo.



ROLLAMO

EARL SNELL.....	<i>St. Louis, Ill.</i>	H. F. VALENTINE.....	<i>Marshall, Mo.</i>
CHRIS SOUTHERN.....	<i>Kansas City, Mo.</i>	G. E. VAUGHN.....	<i>Rolla, Mo.</i>
H. STANTON.....	<i>St. Louis, Mo.</i>	F. D. VINCENT.....	<i>Campbell, Mo.</i>
C. B. STIMPSON.....	<i>Rolla, Mo.</i>	G. M. VINCENT.....	<i>Morgantown, O.</i>
C. E. STOVER.....	<i>St. Louis, Ill.</i>	W. E. WEAKLEY.....	<i>Kansas City, Mo.</i>
E. P. STRAIN.....	<i>Rolla, Mo.</i>	H. V. WHITE.....	<i>Pittsburg, Kans.</i>
F. L. SEIVER.....	<i>New York City</i>	R. P. WHITE.....	<i>Kirksville, Mo.</i>
TAYLOR.....	<i>Mason City, Ia.</i>	FRANK WATSON.....	<i>Rolla, Mo.</i>
W. E. TENEYCK.....	<i>St. James, Mo.</i>	WM. WIEMKEN.....	<i>St. Charles, Mo.</i>
D. S. TEDFORD.....	<i>Rolla, Mo.</i>	H. L. WILKINSON.....	<i>Bolivar, Mo.</i>
P. A. TOWER.....	<i>Marsfield, Mo.</i>	CHAS. WILLEAMS.....	<i>Licking, Mo.</i>
H. L. TURNER.....	<i>Rolla, Mo.</i>	F. G. WILLIAMS.....	<i>Towando, Kans.</i>
C. A. TURNER.....	<i>Rolla, Mo.</i>	W. T. WILLIAMS.....	<i>Towando, Kans.</i>
C. D. TOWNSEND.....	<i>Mathew, Mo.</i>	N. WOLFE.....	<i>Monette, Mo.</i>
J. C. UNDERWOOD.....	<i>Dunnegon, Mo.</i>	H. D. WOOLFORD.....	<i>St. Louis, Mo.</i>



Our Co-Eds

(AN EXPRESSION FROM ONE OF 'EM)

THE CO-EDS.—an unnecessary evil at M. S. M.,—at least, the majority of the Miners think so. For instance, a poor, unsuspecting Co-ed. comes tripping gaily into Norwood Hall at about five minutes of the hour; she is never greeted with a "Good morning;" the only sound that reaches her ears is the never-ending "Sh-h-h—." Of course, she walks on as if nothing had happened and tries to acquire an innocent expression,—but oh! at times it's hard.

And Mass Meeting—though it is for the student body, it is no place for the Co-ed. The only place that the Miner really appreciates the Co-ed. is on the campus when he is surveying.

But with all the handicaps, one of them made Phi Kappa Phi.



ROLLAMO



HAZEL R. DENT



Mrs. I. K. OWENS



MARGUERITE DELALOYE

CO-



Mrs. L. B. HOPKINS



Mrs. W. W. WAINWRIGHT



JENNIE LENOX

EDS



MARY SMALL



Mrs. E. J. SMITH

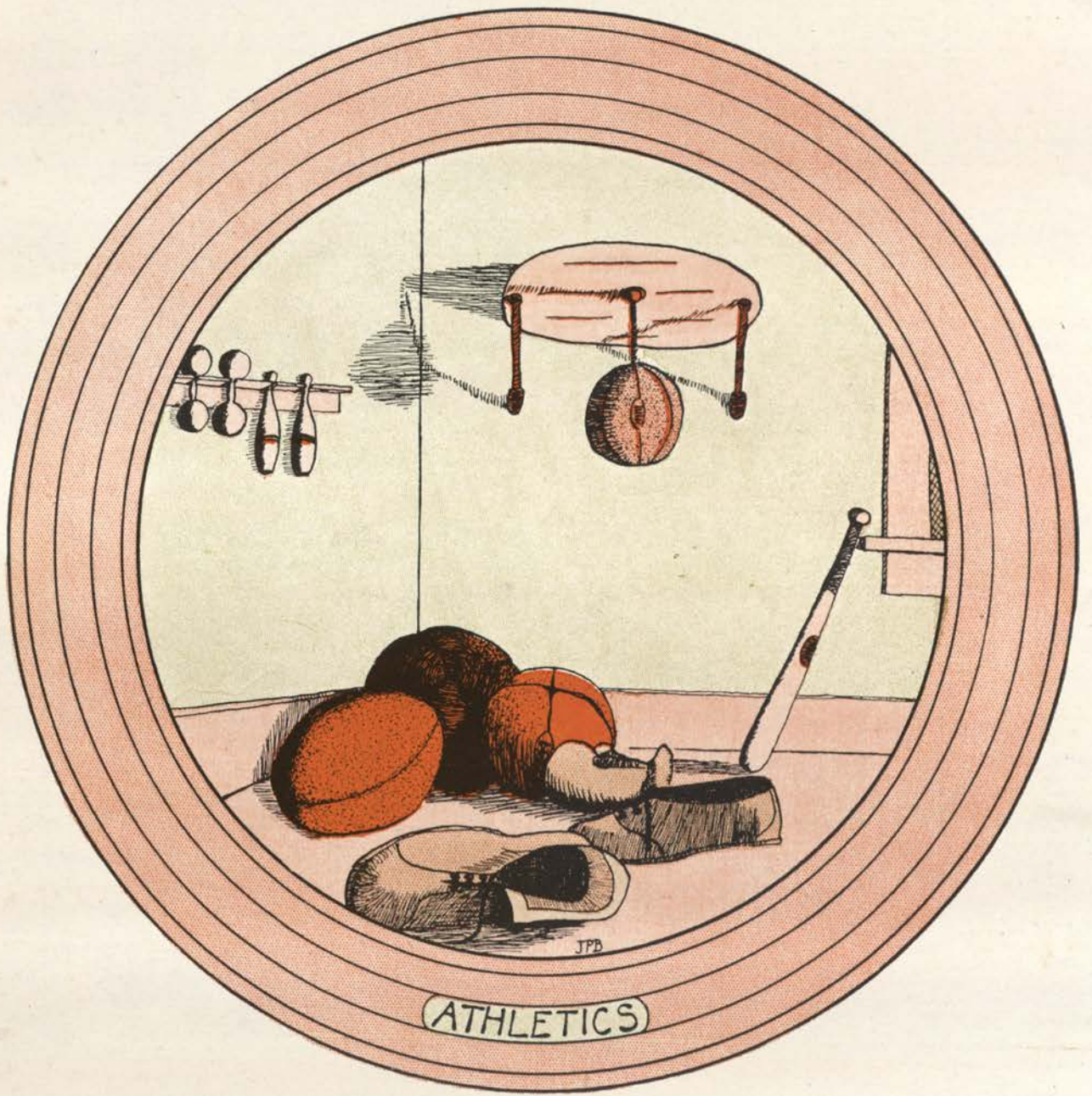


MARY E. CAMPBELL



Calendar—Continued

- Feb. 13.*—I Felta Thi's stage party. Fischer and Hoke establish new track records and risk damage suits for damage to briar patches and black oak trees.
- Feb. 17.*—Much speculation over who is St. Pat Queen.
- Feb. 20.*—Miners trim Washington U, 46-26.
- Feb. 21.*—Basketball team on road trip. Everything went fine until they reached Tarkio. Tarkio wins M. I. A. A. Conference,—they should be proud—?
- Feb. 22.*—Holiday.
- Feb. 27.*—Freshman Scott loses left leg in accident at Cuba.
- March 3.*—Miners defeat Washington at boxing and wrestling.
- March 5.*—Everyone ordering costumes for Masque Ball.
- March 6.*—Seventeen men in General Met. looking for a Sunday School class.
- March 10.*—Miners defeat Kansas University at wrestling.
- Sunday,*
- March 12.*—Freshmen hold Kangaroo Court for members who missed Shillalah hunt. Convicted men learned that Frisco pond is cold, and also the art of walking in a barrel.
- March 13.*—Everyone all "pepped" up for a bigger and better "St. Pat's."
- March 14.*—Juniors busy decorating.
- March 16.*—First St. Pats. guests arrive on No. 3.
- March 17.*—St. Pats.
- March 18.*—St. Pats.
- March 20.*—Prof. Forbes gives mining classes temperance lectures.
- April 15.*—Senior trip starts.
- April 26.*—Freshman Hop.
- April 28.*—Commencement and Faculty Ball.



2/11/11



ROLLAMO



55576



Our Cheer Leaders

BOY, Howdy! Are n't they the kippie lads with their ducks and yaller sweaters,—we'll say so! And that's not all, by a long shot. Did we get beaten by Washington U. in football? Y-e-s, you can't beat that combination—in St. Louis. Did Washington out-yell the Miners? Hell, no! And, when we did take their basketball team to a cleaning that should send them to the tall timbers for a rest cure, who led the big racket that helped to put the fear of God and the Orange and White in their hearts? Why, our Cheer Leaders.

Laying aside all levity, our Cheer Leaders this year proved themselves a real institution. Tom Wier, Pem Gordon, and Shucks Leonard are to be congratulated on the pep their efforts helped infuse into the rooters. If there are any "raspberries" to be handed out, it is to those chronic crabs who haven't enough initiative even to follow good leaders.

M—M—MIN.

E—E—ERS.

M—I—N—E—R—S.

MINERS, MINERS, MINERS!



ROLLAMO

FOOTBALL



1922



ROLLAMO

Football Review

While some consider it necessary for the successful termination of a football season that the team hold first honors, we offer no excuses for our showing this year. We are proud of our team, proud of their ability to fight, to play the game square, to lose without whimpering, and to win without bragging.

At the beginning of the year the prospects were good for a team that would carry off the Conference in great style. Ten letter men reported to the coaches for training, and about forty others came out at the beginning of school. Hard work and the enthusiastic support of the student body soon got the team in condition for the first game on October 1.

THE WASHINGTON UNIVERSITY GAME *Miners 0—Washington 10*

Our team made its initial appearance against Washington U. on October 1.

The first quarter saw the Miners pushing steadily down the field for a certain touchdown.

The brakes were applied in the form of numerous penalties, and the Pikers were not scored on. Washington played a real game. A drop kick and a completed forward pass gave the only scores of the game. The game ended with Washington ten points ahead.

THE CAPE GIRARDEAU GAME *Miners 24—Cape Girardeau 0*

On October 7 the team journeyed to Cape Girardeau and played the Southeastern Teachers College.

This was our first Conference game, and played in a sea of mud. The team's new uniforms soon lost their classiness in the slime of the field.

The game was featured by straight line playing as the ball was entirely too slippery for any aerial play.

THE SPRINGFIELD TEACHERS GAME *Miners 69—Springfield 6*

Our second Conference game took place against the Springfield Teachers at Rolla, on October 14.

Supported by the entire student body the team had everything pretty much their own way during the entire game. Springfield's only score came in the first quarter through a fluke.

The game was featured by the chance given every man on the squad to get into the game.

THE MISSOURI WESLEYAN GAME *Miners 7—Wesleyan 14*

Our third Conference game was played on October 21 against Missouri Wesleyan, at Rolla.

This was one of the Miners' hardest-fought games, but it seems the Wesleyan team had luck with them, and scored on a fumble and intercepted pass. The Miners outplayed their opponents as is shown by the following: Yards gained, Miners 223; Wesleyan, 85.

THE JAMES MILLIKIN GAME *Miners 0—Millikin 7*

On October 29 we played James Millikin at Decatur, Illinois.

The shifty Decatur warriors made their lone touchdown in the first four minutes of play, and could not penetrate the Miners' defense again. The Miners made a fine showing against the strong Illinois team. The game was played on a very heavy field.

ROSE POLYTECHNIC SCHOOL GAME *Miners 3—Rose Poly 7*

The Home Coming game was played with Rose Polytechnic, of Terre Haute, Indiana, at Rolla.

The game was all sewed up for the Miners until the last few seconds of play, when Rose Poly got away for a long pass and carried the ball over their goal line.

The game was well attended by the Alumni of the school.



ROLLAMO

DRURY COLLEGE GAME

Miners 31—Drury 0

In the fourth game of the Conference year, November eleventh, the Miners defeated their old rivals, the Panthers, by fast playing and long end runs.

The Miners have played 25 games with Drury College during the past 29 years. During that time Drury has won twelve and ties two games, leaving the Miners eleven games to their credit.

CENTRAL COLLEGE GAME

Miners 21—Central 2

On November eighteenth, on a muddy field, in a driving rain storm, the Miners played their last Conference game with the Central Eagles at Rolla.

The muddy and sloppy field made it impossible to do any accurate passing or punting, and a safety came to both teams during the first quarter.

The Miners used line plays to good advantage, but the wet field made it impossible to carry the ball over until the final quarter, when three touchdowns were made.

Football Schedule 1922

October	7.....	Washington U., at St. Louis
	13.....	Westminster, at Rolla
	20.....	Missouri Wesleyan, at Cameron
	28.....	Open
November	4.....	St. Louis U., at St. Louis
	11.....	Drury, at Rolla
	18.....	James Milliken, at Rolla
	25.....	Open
	30.....	Open



ROLLAMO





ROLLAMO



ZOLLER
Center

Zoller, Captain-Elect, is one of the hardest fighters on the team. Most valuable man in a roving position and uses his head at all times.



CHRISTNER
Guard

Christner, another light man, but a fighter always. An ideal man for breaking interference and tackling.



FISCHER
Guard

Fischer, altho light, has the old fight that carries him through. Noted for breaking up plays and making holes in the line.



ZOOK
Tackle

Zook, known for breaking up many plays, made all-conference this year. Gave all he had at all times and a fighter to the finish.



BOLT
Tackle

Bolt, an all-conference tackle, can always be counted on for his work in the line. A shifty player who always gets his man.



ROLLAMO



WATKINS

End

Watkins, known for never letting a play get around his end, is an exceedingly fast man. Unusually good in receiving and breaking up forward passes.



NOLEN

Quarter-Back

Nolen is a brainy general and had the confidence of the team at all times. He has three more seasons to go.



GRAY

End

Gray, altho one of our lightest men, has the great facility of stopping end runs and breaking up interference.



BUCK

Tackle

Buck can play most any position on the team and play it well. His greatest desire is making tackles after punts and carrying the "pill."



LEDFORD

Quarter-Back

Ledford is known for his consistent smile. He is a good fighter and a hard worker. This is Mike's first season.



ROLLAMO



PARKER
Tackle

Parker plays either guard or tackle equally well. A valuable man on the team who has three more seasons to go.



PARKHURST
Guard

Parkhurst is a big man who plays a good game at all times. This is "Babe's" second year and we expect him to be a very valuable man in the future.



SPRINGER
Halfback

Springer, altho in his first year, has proved himself a most valuable man in the backfield. "Louie" has three more years to go.



GETTLER
Halfback

Gettler is the smallest man on the team. He has scored on many occasions when scores were most needed, and always plays a good game.



SUTTON
Half-Back

Sutton will be with us three more years, during which we expect he will prove to be a valuable man.

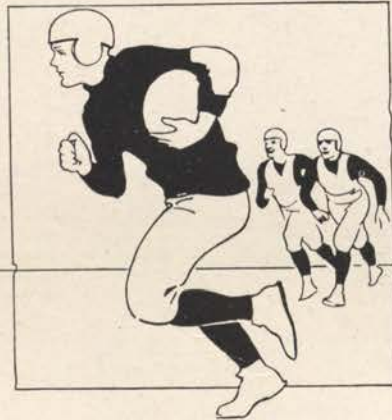


HASSELMAN
Fullback

Hassleman is one of the best men that came to us this year. An exceedingly valuable man for line playing, and a hard fighter.



• ROLLAMO •



• 1922 •



ROLLAMO



Miners
69
Springfield
6





ROLLAMO



Miners
7
Mo. Wesleyan
13



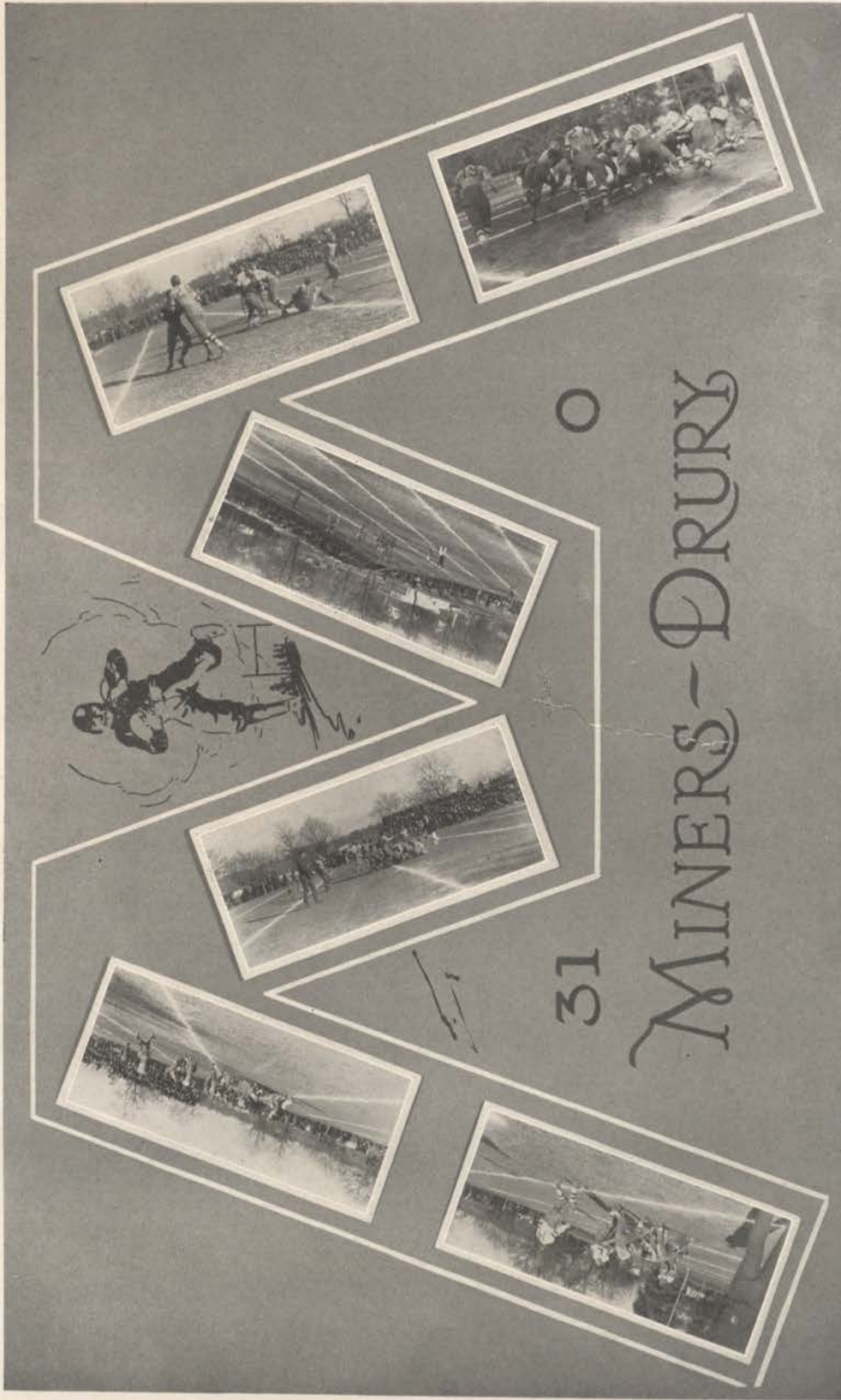


ROLLAMO





ROLLAMO



MINERS-DRURY



• ROLLAMO •

BASKETBALL





Basket Ball

THE Basketball season at M. S. M. opened about November 10th with chances for a speedy team. Five of the old letter men reported together with other good material to choose from. From the above figures one can see that the Miners had a real team.

Our first games of the season were with James Millikin at Decatur, Illinois, on December 19th and 20th. Millikin defeated the Miners by scores of 20-13 and 16-12. In both games the Miners were ahead at the end of the first half.

On January 2nd, we matched our sturdy basketeers against the strong Missouri University Five, and after a terrific and exciting game the Miners were forced to retire with a score of 33-19 in favor of Missouri. The Tiger defence and the peculiar style of playing seemed to baffle the Miner Quintet during the early part of the game and counted many points for Missouri.

The Miners opened their Conference Basketball season with Culver-Stockton, defeating them 40-3. The Miners had no difficulty in winning and the second string men were used during the last half.

The following week the Miners Quintet won their second Conference game of the year by defeating their "Old Rival"—Drury, 27-8. The feature of the game was the playing of McClelland. "Mac" was at his best and in the first half contributed twelve points by field goals to the Miner score.

On January 19th, William Jewell visited Rolla and was defeated in two games, 35-11 and 12-11. The feature of the first game was the fact that William Jewell was held down to one field goal. The first half of the second game was played by the Miners Second Team, who held a score of 2-2 in the first half, neither side making a field goal.

On the first trip of the New Year the Miners kept in pace with their victory scheduled by taking two straight games from St. Louis University, 33-12 and 29-11. In these games the Miners completely out-played their opponents and had no real difficulty in winning either of them.

On January 27 and 28 James Millikin visited Rolla and the Miners avenged their defeat of the holidays by winning from the strong James Millikin Five, in two consecutive games, 23-22 and 25-13. The first game was one of the hardest fought on the Miner court in several years.

The Miner Five had little trouble in maintaining their 1000% standing in Maryville, easily winning by a score of 38-14. The game was a poor exhibition of basketball, both sides showing inaccurate passing and shooting.

The Miners annexed their tenth and eleventh victories by defeating St. Louis University in two comparatively easy games, 20-15 and 24-10. The first game



ROLLAMO

the Billikens put up a very poor fight. In the second they came back with a much stronger spirit and tried to furnish an exciting game.

The Miners humbled the Central College Eagles on February 17th, with a 32—13. The sportsmanship of the Central team was evident throughout the entire game.

The thirteenth victory was an enjoyable one as the Miners took revenge on Washington University in return for the defeat in football last semester, to the tune of 46—26. The game started off with a rush and proved to be one of the hardest fought games of the season.

On February 24th the Miners started on a five-game road trip and played all Conference games. We again easily defeated our old opponents, Drury, with a 29—12 victory. In the second game of the trip the Miners defeated Missouri Wesleyan by a decisive score of 50—18. The Miners led their opponents by a safe margin and were in no danger during the entire game. The third game was easily won from William Jewell, 34—16. The fourth game was lost to Tarkio, 16-29. The Miners played in hard luck, Signer going out after eight minutes' play on four personal fouls. The fifth game finished 1922 Basketball with a victory over Maryville College with a score of 24—14.

Too much cannot be said for "Johnny" as Captain. He had the confidence of both his team-mates and student body. His greatest delight is to dribble through the entire opposing team. This is Johnny's last year here.



JOHN BULGER
Captain—Forward



CLAUDE KEMPER
Center

"Kemp" is the biggest man on the team and uses his height to good advantage. He has never found anyone who could out jump him at center. From the beginning of the year he has been going good and was responsible for a good share of our scores. He has two more seasons to play.

"Sig" has been a prominent figure in many battles during the last three years on account of his speed and general knowledge of the game. Another one of his good points is his ability to work with his team-mates, a thing that is not found in all men. "Sig" has also played his last game for M. S. M.



MERTON SIGNER
Forward



M. M. McCLELLAND
*Captain-Elect
Forward*

This is "Mac's" second year on the team and he went like a whirlwind the whole season. His speed and accurate eye for shooting baskets makes him the high man for field goals. He has two more years to play.

"Babe" plays a very steady game as guard. His ability to break up plays of the opposing team had caused many a round of applause. He is big and fast and it is almost impossible to get between him and the basket.



MILBURN L. DORRIS
Guard

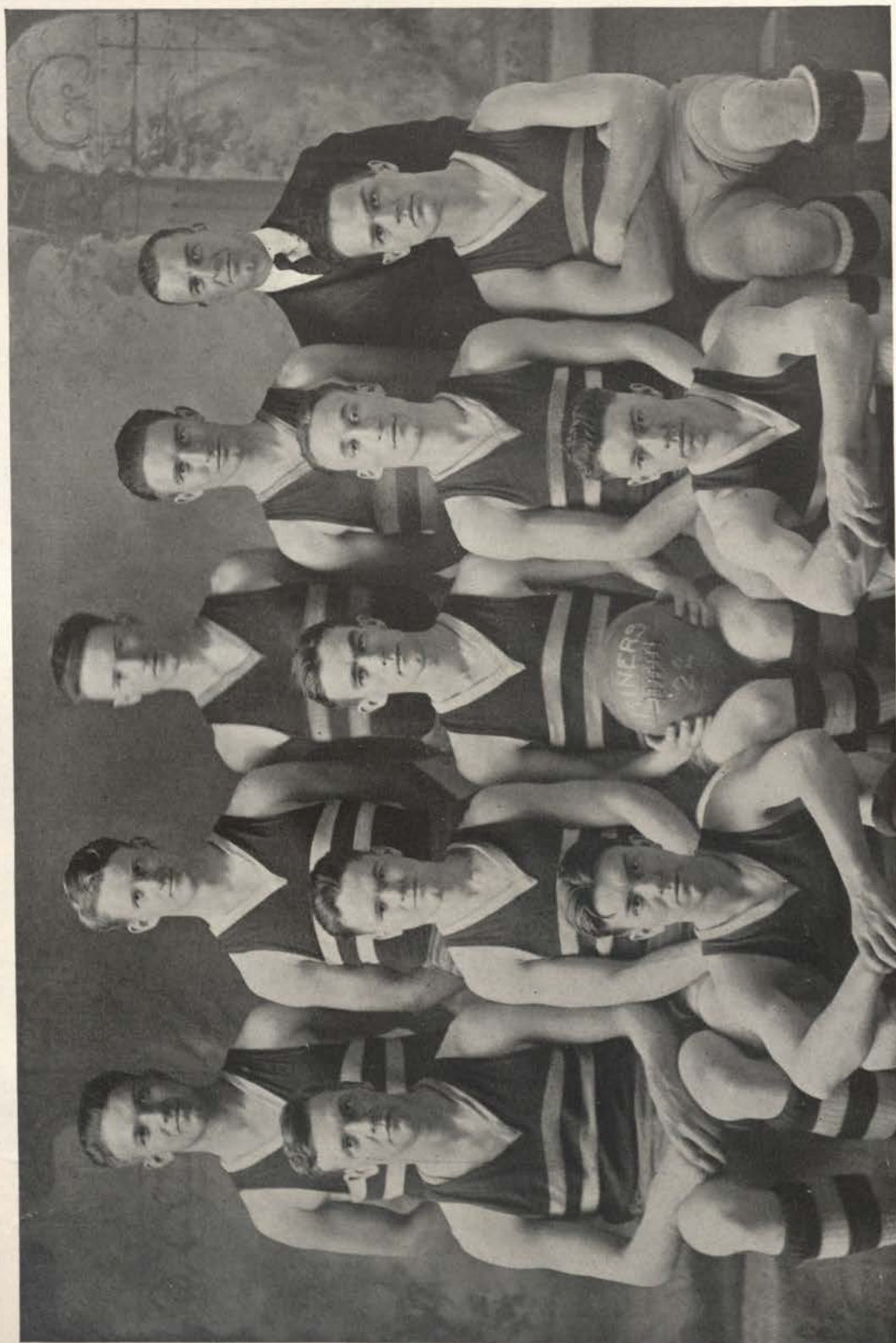


RAY PARKER
Guard

"Parker" is our only Freshman on the team. He is a hard fighter and has an eagerness for action which has a bad effect on the morale of his opponent. We expect much of him the next three years.



ROLLAMO





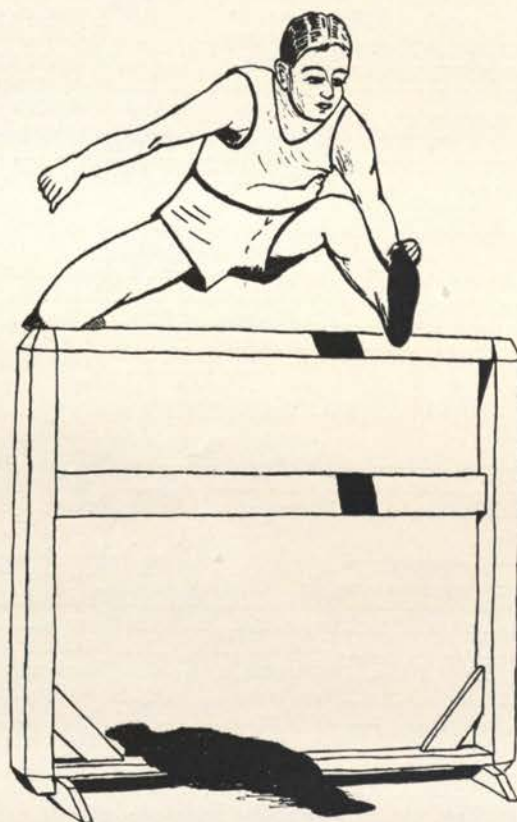
Conference Standing

<i>Team</i>	<i>Won</i>	<i>Lost</i>	<i>Percentage</i>
Tarkio.....	10	0	1000
Rolla.....	11	1	917
Cape Girardeau.....	6	1	858
Warrensburg.....	8	2	800
Kirksville.....	6	3	666
Springfield.....	7	3	700
Drury.....	6	5	546
Missouri Wesleyan.....	5	6	455
Central.....	6	8	426
Central Wesleyan.....	5	8	385
William Jewell.....	5	9	355
Westminster.....	2	9	182
Culver-Stockton.....	0	8	000
Maryville.....	0	11	000



• ROLLAMO •

TRACK



• 1922 •



ROLLAMO

Track

THE opening of the track season in 1921 saw M. S. M. with two meets on her schedule. In preparation for these, training was started early, and the prospects of a very good year were never better. An inter-class track meet was held on April 2, and revealed several dark horses, and our hopes ran high for our first meet, which was with Washington University on April 16.

The team journeyed to Saint Louis fully prepared to return with Washington's scalp, but the weather deemed otherwise. The meet was held in a regulation winter wind, which, combined with a wet field, cost us the meet. The final score showed us forty-two points behind our opponents.

On April 22 the team went to Springfield for a triangular meet with Drury and the Southwestern Teachers College. Unexpectedly strong opposition was encountered and the meet ended with the Miners and the Teachers tied for winner, with Drury the undisputed holder of third place.

Record Of The Meets

WASHINGTON

EVENT	FIRST	SECOND	TIME OR DISTANCE
100-yd. dash.....	Washington.....	Washington.....	10 4/5
220-yd. dash.....	Washington.....	Washington.....	25
440-yd. dash.....	Washington.....	Washington.....	55 3/5
880-yd. run.....	Washington.....	Runge, A. E.....	2:47 3/5
One-mile run.....	Washington.....	Chomeau.....	4:54 4/5
Two-mile run.....	Hubbard.....	Walls.....	10:58
120-yd. high hurdles.....	White.....	Washington.....	17
220-yd. low hurdles.....	Hoover.....	Smith.....	28 4/5
Half-mile relay.....	Won by Washington		
One-mile relay.....	Won by Washington		
High jump.....	Washington.....	Washington.....	65"
Pole vault.....	Washington.....	Washington.....	10' 2"
Broad jump.....	Washington.....	Kohlbray.....	19' 6"
Shotput.....	Washington.....	Runge, C. A.....	39' 11"
Javelin.....	Pesout.....	Washington.....	158' 5"

Total scores: Washington, 88; Miners, 46.

TRIANGULAR MEET

EVENT	FIRST	SECOND	TIME OR DISTANCE
100-yd. dash.....	Drury.....	Smith.....	10 3/5
220-yd. dash.....	Drury.....	Teachers.....	23 1/5
440-yd. dash.....	White.....	Drury.....	53
880-yd. run.....	White.....	Drury.....	2:6
One-mile run.....	Teachers.....	Teachers.....	4:55
Two-mile run.....	Teachers.....	Teachers.....	10:53
120-yd. high hurdles.....	White.....	Teachers.....	16
220-yd. low hurdles.....	Smith.....	Hoover.....	27 2/5
Half-mile relay.....	Drury.....	Teachers.....	
One-mile relay.....	Miners.....	Teachers.....	
High jump.....	Teachers.....	Teachers.....	5' 3"
Pole vault.....	Teachers.....	Drury.....	10' 7"
Broad jump.....	Drury.....	Kohlbray.....	21' 2"
Shotput.....	Runge, C. A.....	Teachers.....	38' 6"
Discus.....	Runge, C. A.....	Drury.....	114' 6"

Total scores: Miners, 48; Teachers, 48; Drury, 39.

Cross Country Run

An addition to the athletic program this year was the cross-country meet with Central College. Ploughing through Missouri mud in a drenching rain storm on November 18th, the Miners outclassed Central College with an eleven point margin: Time, 28.01 minutes.

Chomeau outclassed the entire field, finishing well in the lead.

The order of finish and time follows:

1—Chomeau (M).....28.01	4—Leonard (M).....29.25	8—Martin (M).....30.38
2—Reigal (C).....28.36	5—Hager (C).....29.33	9—Wise (C).....31.19
3—Hazelwood (M).....28.51	6—Nawn (M).....30.12	10—Digs (C).....32.32
	7—Berry (C).....30.22	



ROLLAMO



CHOMEAU

Chomeau has a stride like a race horse and wind like a balloon. Never tires and is good for any distance up to ten miles. Winner of the Central-M. S. M. five-mile cross-country.

SMITH

Smith is always in condition. He runs a fast race and steps out in front of the best of them.



WHITE

"Nubian" has a stride that is the envy of the Kangaroos. His four years of track have found him always a little better than any one he ran against.

HOOVER

"B. F." is a dark horse that showed up well in the hurdles. Is rather heavy but carries it over the ground fast.



PESOUT

Pesout, another dark horse, that makes us sit up by the way he handles the javelin. His first try usually discourages opposition.



ROLLAMO



C. A. RUNGE

"C. A." is a fine all-around field man. He specializes in the shot and discus. His place on the team is well filled.

HUBBARD

Hubbard is a fast man in any distance. Is always in condition, and has the wind for the long distances as well as the dash.



LEONARD

Leonard is a hard worker who always does his best. Has the old fight and stamina that gets him every time.

A. E. RUNGE

"A. E." hit heavy opposition this year, but has fine prospects ahead. Will hold up M. S. M. in the 880 and 440.

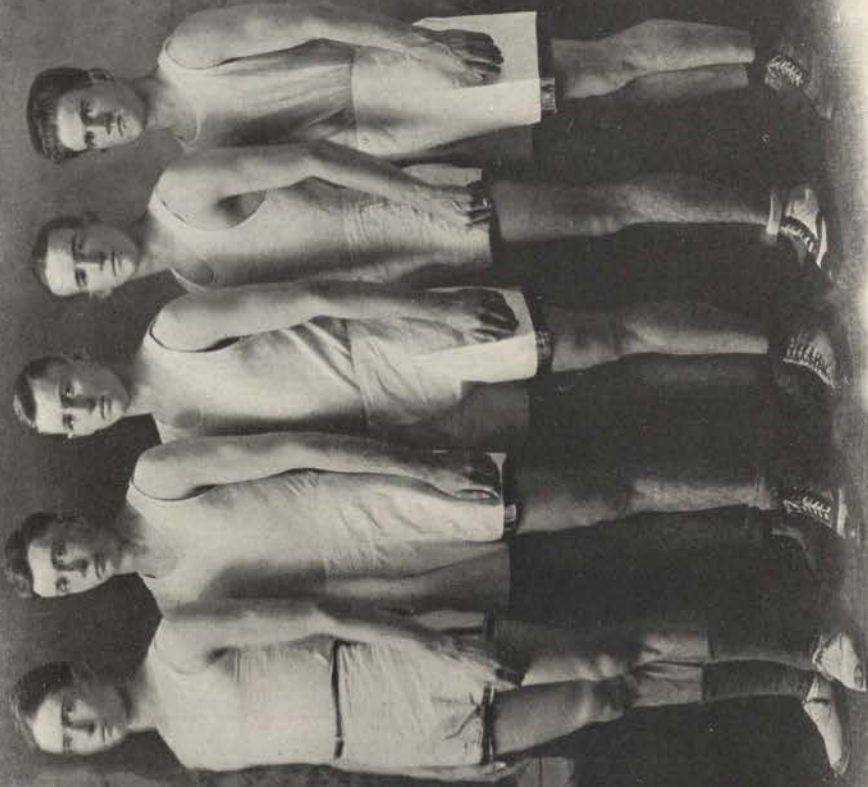


WALLS

Walls is a fine little man whose specialty is the mile and two-mile. He can be depended on to always do his best, and his best is a whole lot.



ROLLAMO





Boxing and Wrestling

BOXING and wrestling was introduced into athletics as a major sport this year. It has proven a popular activity and a large aggregation of men have worked out in gymnastics under the instruction of Coach McCune and his assistants. Although but few of the men have had experience in this line, they have proven apt pupils and have profited by their work. Next year we should have a good line-up for these sports as there is a profit both to the men and the laurels of the school.

It was voluntary on the part of the men who came out this year. To keep up the personnel of boxing and wrestling, at least ten men should be chosen from the Freshman class each year. We could not hope for them to become professional in this sport in their first or second year but they should be very valuable men to M. S. M. in the last two years of school.

We are very fortunate in having several men of some experience in school. G. E. Bishop and Dave Hendry have given a great deal of their time to the training of our men in wrestling. H. H. Kessler, whose boxing ability is well known in school, has also contributed time to the training of men in boxing.

The first meet of the year was won by M. S. M. against Washington University. Five boxing events were held during the evening with the Miners winning two, Washington one, and two draws. Walls and Kessler won decisions, Tevis lost, while Stogsdill and Schneeberger received draws.

The Miners won three wrestling matches out of five. Bishop won two matches, Richardson one, while Walker and Schramm lost.

Kansas University wrestling team invaded the camp of the Miners on March 17th, and were sent home on the short end of the score. Miners, 5—K. U., 2. Walker, Hoover, Bishop, Parkhurst and Richardson won their matches, while Guy and Schramm lost.



ROLLAMO



125

1922



Tennis 1921

A TENNIS Tournament in the early spring was staged on the school courts to select the representatives for the Drury-Springfield-Rolla match. Owing to the bad weather a selection had to be made before the tournament was completed. Nudelman and Gabler were selected to make the trip.

The tournament at Springfield was played on the Springfield courts. Stephenson of Drury won the single event, and the doubles were won by Nudelman and Gabler of the School of Mines.



In the singles the Miners drew a bye; Drury playing Springfield in the first match; Drury winning the match 6-4, 7-9, 7-5. Springfield defeated the Miners in scores 7-5, 6-8.



In the doubles we drew Drury, and Springfield drew the bye. We defeated Drury in two straight sets, 6-0, 6-0. Drury played Springfield with Springfield Normal winning the second match. In the last match we won from Springfield in easy style, 6-0, 4-6, 6-0.

During the second day's play a high wind and slow courts interfered with the speed of the game. The playing was also greatly handicapped by shortness of the outside playing court.

Letter Men 1922-1923

Football

W. W. Bolt
A. E. Buck
G. F. Christner
P. E. Fischer
W. R. Gettler

F. E. Gray
K. Hassleman
M. A. Ledford
J. W. Nolen
R. Parker
S. I. Zook

A. B. Parkhurst
L. D. Springer
C. A. Sutton
M. W. Watkins
H. E. Zoller

Basketball

J. L. Bulger
M. L. Dorris

C. Kemper
M. M. McClelland

R. Parker
M. I. Signer

Track

H. Chomeau
B. F. Hoover
H. G. Hubbard

H. L. Leonard
Edw. Pesout
A. E. Runge
C. A. Runge

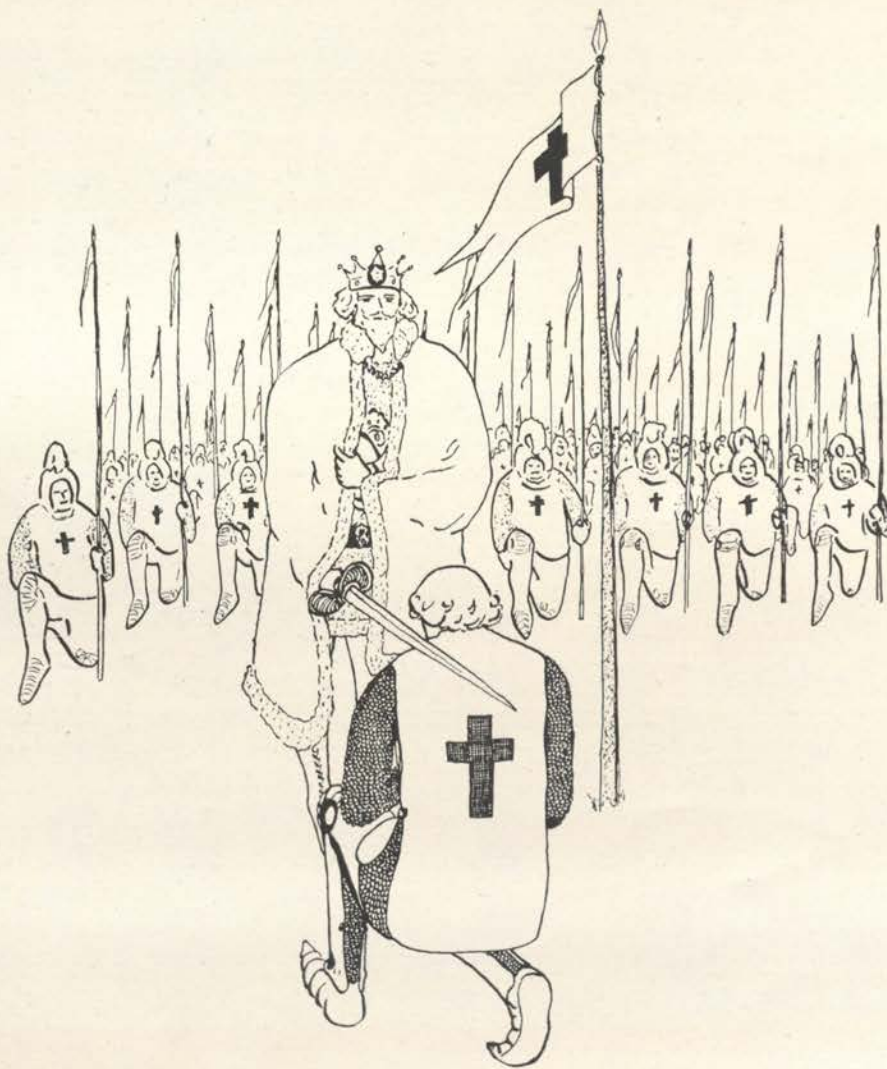
C. Smith
C. A. Walls
F. P. White





ROLLAMO

.FRATERNITIES.



1922



When Greek Meets Greek

When Greek meets Greek, no matter where or when,
They forge a chain, the fellowship of men—
Too strong for word of tongue or pen;
Knowing that each has been a chosen man,
Knowing that each is a scion of a clan,
Though each has worshiped at an alien shrine,
Back in the days of Auld Lang Syne.

When Greek meets Greek, it is no matter where
The stranger comes from, we are welcome there—
Altho our badge be cross or shield or square,
For hearts beat high and hands clasp true,
Tho Lambda Chi he be or Sigma Nu,
Phi Delt, Phi Gam, or Deke,
And college dreams that bless and sometimes burn
Like half forgotten memories return
When Greek meets Greek.

—Author unknown.



PAN-HELLENIC COUNCIL



 H. Leonard Pi Kappa Alpha President		 N.M. Rountree Kappa Alpha Vice President	
 H.S. Pence Pi Kappa Alpha	 P.D. Windsor Lambda Chi Alpha Secretary	 W.E. Heke Kappa Sigma Treasurer	 F.J. Wendell Kappa Alpha
 W.R. Guttler Sigma Nu	 M.L. Derris Lambda Chi Alpha	 H.D. Scruby Kappa Sigma	 H.F. Patterson Sigma Nu



ROLLAMO

Sigma Nu

GAMMA XI

Installed January 3, 1903

FRATRES IN URBE

John M. Southgate
Arthur L. Cairns

FRATRES IN FACULTATE

Joseph W. Barley

Charles J. Millar

Henry H. Armsby

FRATRES IN INIVERSITATE

Seniors

Harold F. Patterson

Warren R. Gettler

Juniors

Henry H. Pace
K. A. Schmidt
Billy R. Mennie
Raymond F. Orr

Marion W. Watkins
John P. Gordon
Henry E. Zoller
Jean P. Bryan

Sophomores

Waring Mikell
Robert M. Courtney

James H. Christopher
Willard A. Schaeffer

Freshmen

James E. Sargent
John W. Nolen

Lewis R. Springer
Claude N. Valerius

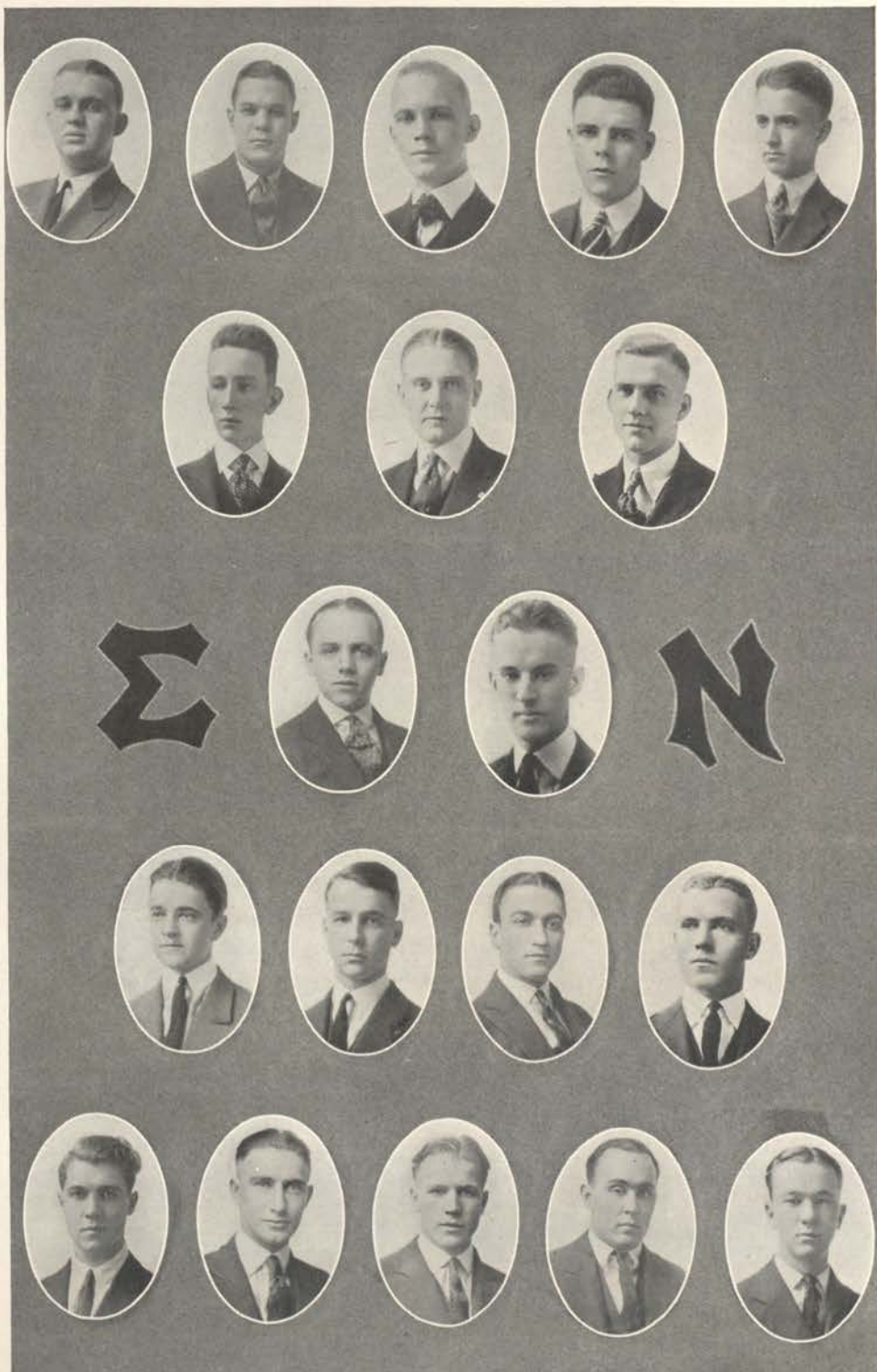
Karl F. Hasselman

Pledge

John V. Terrill



ROLLAMO





Kappa Alpha Order

BETA ALPHA CHAPTER

Installed April 27, 1903

FRATRES IN URBE

A. X. Illinski
Charles L. Woods

FRATER IN FACULTATE

C. Y. Clayton

FRATRES IN UNIVERSITATE

Seniors

T. G. Weir

E. J. Wendell

J. F. Helmerichs

Juniors

N. M. Rountree
G. T. Dierking
D. G. Gibson

H. Moore

S. E. Storrs
F. P. Matlack
W. E. Remmers

Sophomores

C. E. Stover
D. L. Moodie
C. C. Whittelsey

R. T. Muench
H. E. Barnard
W. C. McDonald

Freshmen

W. R. Groschan

L. L. Burnett



ROLLAMO





ROLLAMO



Kappa Sigma

BETA CHI CHAPTER

Installed December 19, 1903

FRATRES IN FACULTATE

Edward Woolrich

FRATRES IN UNIVERSITATE

Seniors

H. D. Scruby
H. F. Shore
W. F. Hoke
P. E. Fischer

E. A. Keeler
F. I. Henderson
F. P. Kohlbry
W. R. Luckfield, Jr.

I. K. Owens

Juniors

C. R. Cameron
J. L. Gregg

N. M. Ham
W. N. TenEyck

Sophomores

W. B. Crutcher
Jack Campbell
G. C. Gabler

A. W. Naylor, Jr.
E. O'Brien
W. E. Cox

Freshmen

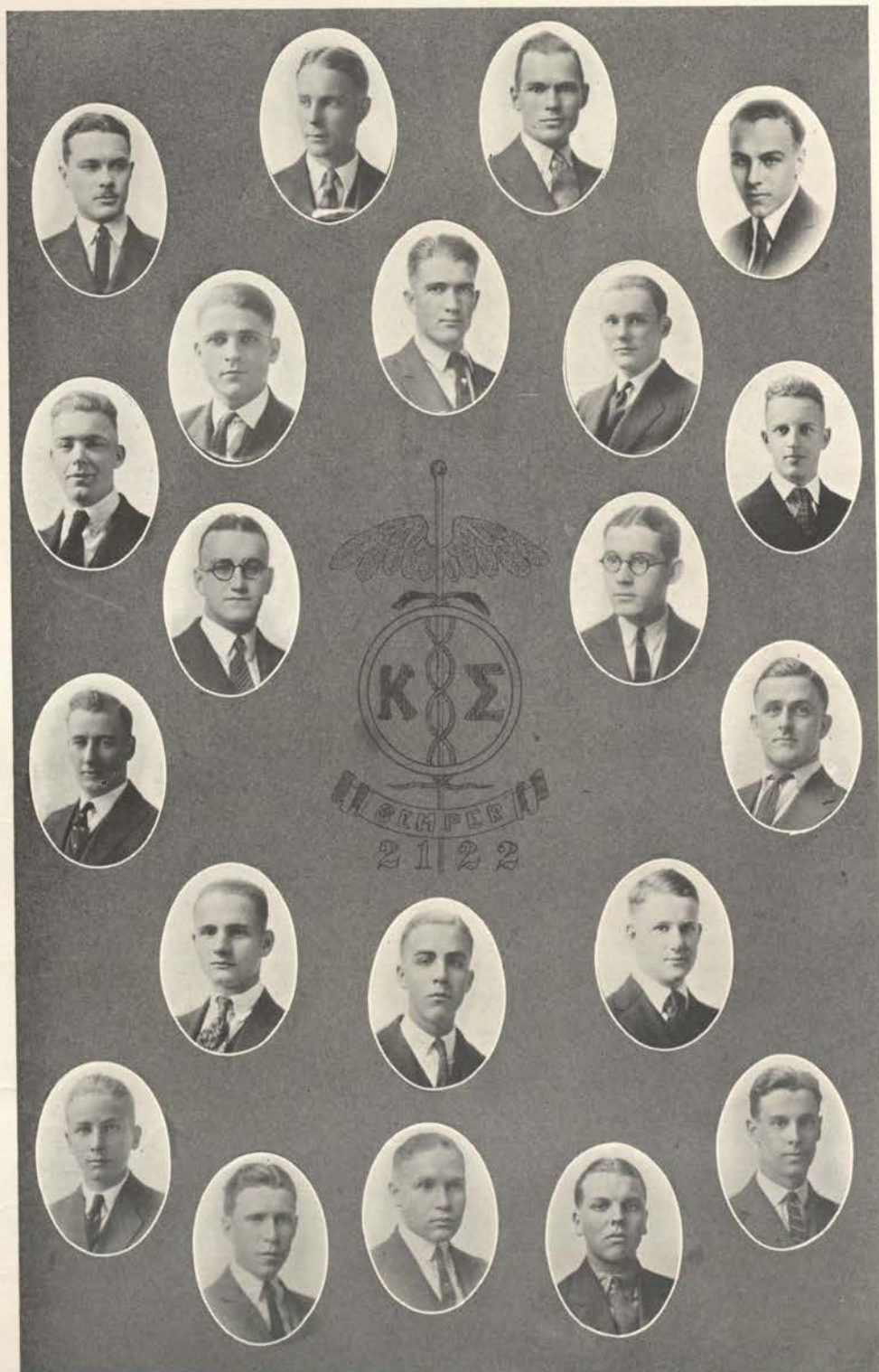
W. E. Ivins

R. L. Abbett

C. E. Jones



ROLLAMO





Pi Kappa Alpha

ALPHA KAPPA CHAPTER

Installed December 2, 1905

FRATRE IN URBE

Ray G. Knickerbocker

FRATRE IN FACULTATE

Walter C. Zeuch

FRATRES IN UNIVERSITATE

Seniors

Irwin W. Keyes
Bruno Rixleben
John F. Hosterman
Merton Ira Signer

Howard C. Fleck
Homer La Kirby Leonard
Virgil Lee Whitworth
Ben M. Layton

Juniors

William M. Keeling
Harry S. Pence

Everett H. Cathcart
Melvin P. Weigle

Sophomores

Christian H. Schaeffer

Wilford S. Wright

William E. H. Knight

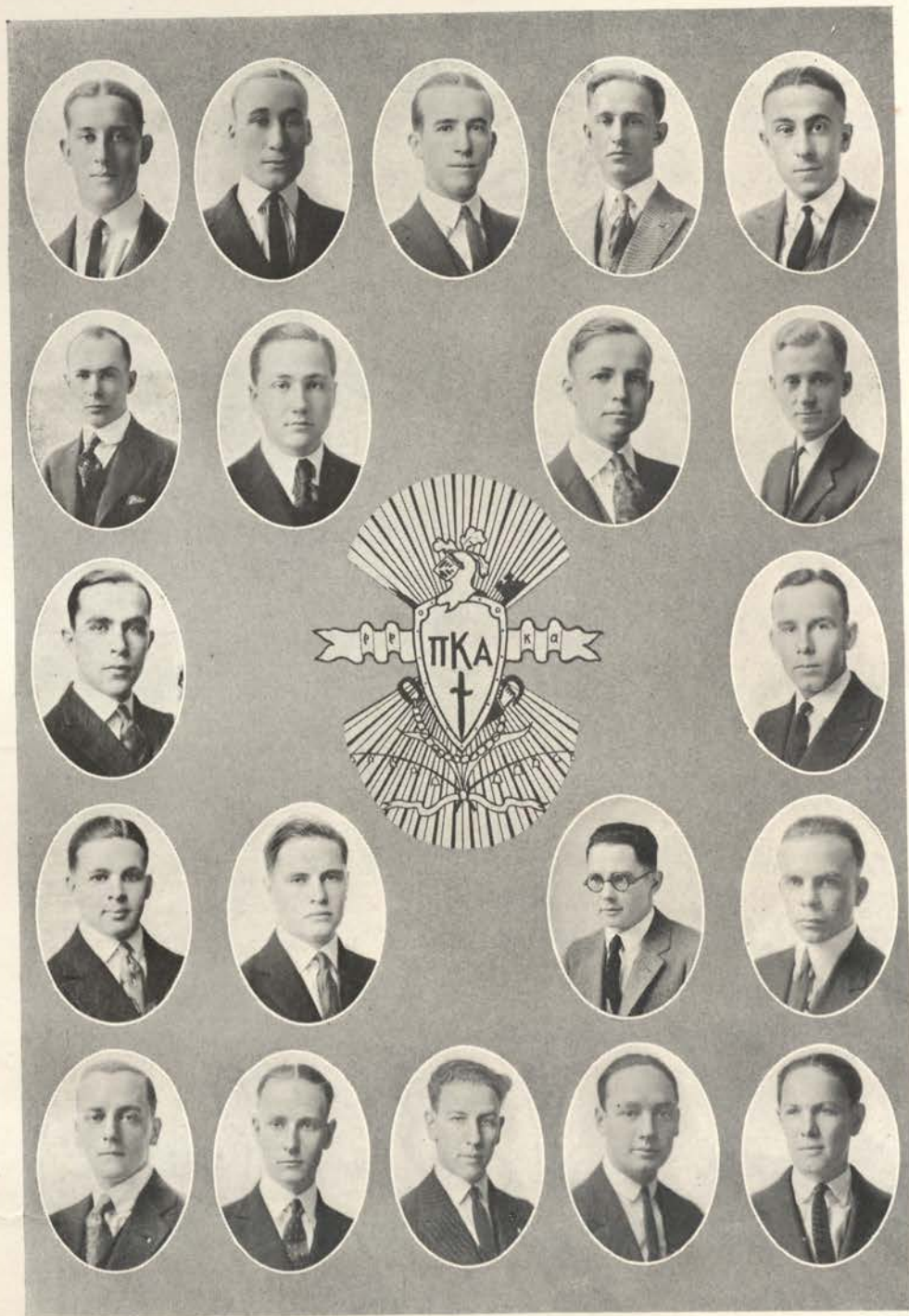
Freshmen

Kenneth A. Ellison
Paul A. Terry

Donald N. Griffin
Paul A. Smith



ROLLAMO





Lambda Chi Alpha

ALPHA — DELTA ZETA

Chartered April 21, 1917

FRATRES IN FACULTATE

W. D. Turner

D. F. Updike

POST-GRADUATES

J. H. Rohloff

K. H. de Cousser

FRATUS IN UNIVERSITATE

Seniors

J. L. Bulger
S. K. Reid
R. H. Knight
F. K. M. Hunter

M. L. Dorris
F. E. Gray
P. D. Windsor
K. R. Teis

Juniors

R. A. Lindgren
W. B. Sharp
P. C. Hatmaker

W. P. Gatts
C. B. Kaley
V. S. Joslin

Sophomores

C. A. Walls
J. V. Harris

A. E. Buck

J. O. Hunt
J. M. Wasmund

Freshmen

J. J. Lyons
W. A. Burg

J. H. Reid
H. F. Hill



ROLLAMO



S.K. Reid



F.E. Gray



R.D. Windsor



R.H. de Cousse



R.H. Knight



J.H. Rohloff



J.L. Edger



F.K. Hunter



F.L. Dennis



K.R. Tels



W.B. Sharp



D.E. Updike

LAMBDA
CHI
ALPHA



W.L. Turner



V.B. Joslin



J.H. Wasmund



W.P. Gotts



E.C. Hatmaker



E.A. Latham



J.V. Harris



C.A. Walls



A.E. Beck



J.O. Hunt



C.B. Bailey



J.H. Reid



W.A. Bag



R.H. H



J.L. Lyons

'21

'22



ROLLAMO

Royal Order of the Sons of Rest

(NOTE BY YE EDITOR.—This roll of membership was intended for the Honorary and Professional Section; however, since it seems that the Greeks are greatly in the majority, it seems fitting that it should be included here.)

SNORE CHAPTER

Founded by Rip V. Winkle

COLORS: PINK AND WHITE

MASCOT: ANY OL' PIGEON

MOTTO: "The day was made to rest in, and the night to sleep."

Officers

"Doc" Millar	Chief Sleeper
"Birdie" Layton	Sweet Rest
"Little Doc" Mikell	So Tired
"Irish" Dooley	Born Tired
"Wormy" Keyes	Never Got Rested
"Dr. Sam" Lloyd	Ambitious
"Grandpa" Whitworth	Sick 'n' Tired
"Gus" Schmidt	Retired
"Little Charles" Gettler	Ready to Drop

Junior Sleepers

"Willie" Hoke	"Spike" Guy
"Horse Collar" Watkins	"Mike" Ledford
"Ox" Christopher	"Dip" Wendell
"Traveller" Sargent	"John" Riddle
"Skinny" Orr	"Fish" Henderson
"Bill" Bolt	"Thomas" Wier
"Mose" Mosena	"Timberfoot" Alton
"Spaghetti" Castelli	"Babe" Parkhurst
"Pluto" Cameron	"Sleepy" Terrel
"Babe" Dorris	"Wazzy" Wasmund
"Lead" Minnie	"Pem" Gordon

Brothers from Foreign Lands

"Pete" Cambiare	"Bob" Zevallos
"Francis" Canalles	

Anesthetics

"Chloroform" Forbes	"Purgative" Boyce
"Insomnia" Guiteras	"Ethelchloride" Harris
"Hop" Lane	

This organization was founded in "The Land of Nod" in the year of Indefiniteness by our esteemed and sleepy brother R. Van Winkle.

Since the days of Pithacantropus Erectus, weary souls have been seeking rest, and we, being inspired by numerous Professors and our Brothers from Foreign Lands, can do no more than emulate their illustrious examples. Our chief object is to promote rest. Our Brother of highest degree attains his rank by contracting the Sleeping Sickness. Our most dreaded enemy is Insomnia.

"PUT BRUNO IN."



ROLLAMO

CLUBS.



JPD

1922



Bonanza Club

GRADUATE

L. E. Lumpkin

J. G. Miller

SENIORS

I. W. Alcorn

A. F. Denison

H. C. Loesche

E. W. Rembert

R. E. Richards

H. F. Valentine

S. M. Hayes

E. M. Guy

E. F. Chapin

G. J. Christner

B. E. Charles

JUNIORS

D. S. Mosby

F. Z. Meeks

P. M. Brown

M. N. DeBell

S. H. Stuart

T. M. Thompson

A. A. Boyle

J. C. Edwards

SOPHOMORES

C. L. Kemper

M. M. McClelland

P. F. Thompson

J. H. Hynes

E. B. Sanders

FRESHMEN

A. L. Heitmann

E. J. Gorman

Wm. Hauck



ROLLAMO





Grubstaker's Club

POST-GRADUATE

R. K. Stroup

M. W. Wallace

R. J. Stroup

SENIORS

R. O. Erickson

E. S. Wheeler

J. T. Hodges

A. L. Ackers

I. F. Hodges

J. E. Jewell

E. H. Ruebel

JUNIORS

H. C. Buser

I. Sternberg

M. V. Healy

E. Pesout

S. I. Zook

W. E. Teter

A. B. Parkhurst

W. K. Teller

R. J. Lapee

SOPHOMORES

C. W. B. Sitzler

H. H. Heidtman

J. Thain

A. W. Walker

I. Sublett

W. E. Simpson

FRESHMEN

R. Parker

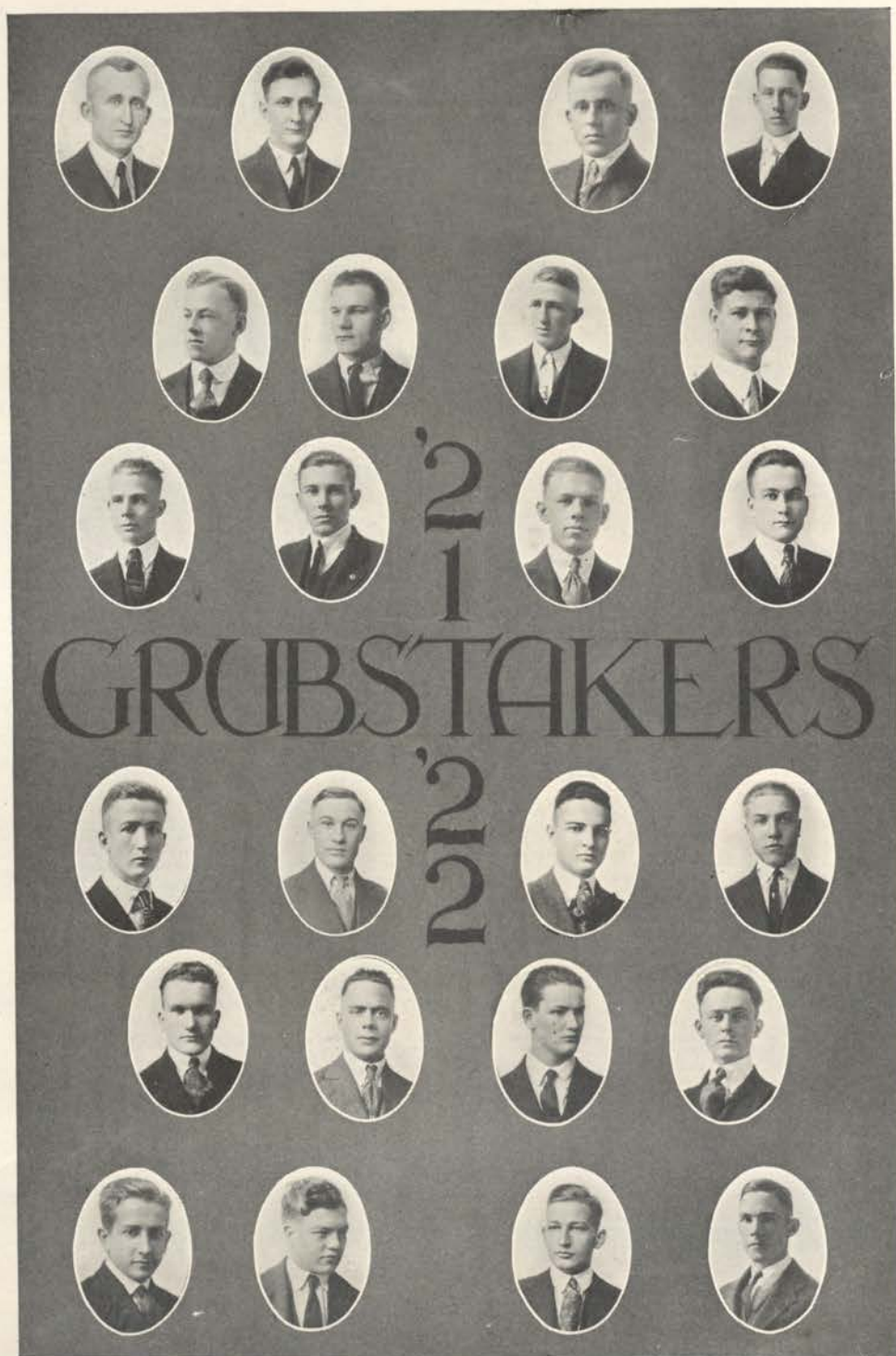
C. Martin

J. A. Rood

I. Knoebel



ROLLAMO





ROLLAMO

Prospectors

FACULTY

Barney Nudelman

SENIORS

William H. Metzger
George L. Richert
Muir L. Frey

Frederick F. Trubger
Rudolph G. Kasel
Harold L. Childress

JUNIORS

David F. Walsh
Vance H. Webster
George A. Zeller
Raymond E. Murphy
J. J. Haberthier

Stephen M. Burke
Herbert E. Ahrens
Henri Chomeau
John M. Reeves
Guy R. Scott

SOPHOMORES

E. Carleton Smith
Carlos G. Bowers

Cyrus W. Magalis
Paul D. Scott

FRESHMEN

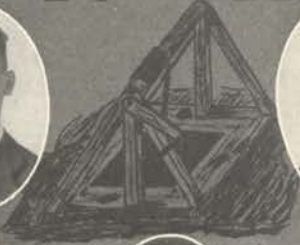
Albert B. Murry
Fred C. Martin

Ronald D. Ward
G. Clement Cunningham



ROLLAMO

'21 — '22.



PROSPECTORS.

A collection of 21 oval-framed black and white portraits of young men, arranged in five rows. The first four rows contain five portraits each, and the fifth row contains four portraits. In the center of the arrangement, between the second and third rows, is a line drawing of a mine structure, possibly a derrick or a small building with a peaked roof. Below the portraits, the word "PROSPECTORS." is written in a large, bold, serif font.



ROLLAMO

La Abri

Established 1921

MEMBER IN FACULTY

W. B. Brewer

MEMBERS IN COLLEGE

W. J. Alton
M. L. Atkinson
W. H. Bush
P. F. Haworth

J. D. Behnke

C. B. Neil
L. H. Sanderson
F. C. Schneeberger
W. Siegle

TOPOGRAPHIC ENGINEERS

F. G. Bisch
R. C. Edmiston
L. E. Elliott
D. Kimble
J. M. McDonnell

R. F. Brant
M. McDonnell
M. E. Overeen
C. Southern
E. Snell

HIGHWAY ENGINEERS

W. M. Aldous
C. M. Lancaster
F. R. McKeown
J. Riddle

E. B. Schram
F. E. Weakly
E. W. Wilburn
W. H. Wiemkin

OIL-FIELD ENGINEERS

G. F. Berry
C. W. Campbell

E. L. Healy
F. L. Williams



ROLLAMO





Independents

SENIORS

W. W. Bolt
E. G. Machin

F. A. Kaullen

W. E. Case
C. C. Mosena

JUNIORS

R. F. Grady
August Mohri
Lynn Harbison
W. E. Casey
A. B. Wilkerson

P. J. Hegwer
D. S. Tedford
Ray McBrian
W. S. Frame
Frank Mulford

SOPHOMORES

D. B. Jett

B. K. Baumgardner

P. L. Blake

FRESHMEN

O. J. Horrom
F. O. Fink
Irwin Knoebel
P. W. Ost

Clarence Rueh
C. J. Heim
Harry Dent
D. Ainsworth



ROLLAMO





Independents

SENIORS

A. C. Rucker
Edw. Torrence

J. M. Forgotson

F. R. Halasey
F. H. Hollow

JUNIORS

H. G. Hubbard
Joseph Worley
Joe Castelli
R. J. Kenyon
R. C. Zevallos

A. B. Jewell
J. M. Wanenmacher
Rowland Tragitt
Leo Linzer
W. H. Backer

FRESHMEN

W. L. Beuchler
Winston Durant
H. H. Berry

Harris Dickey
F. C. Keith
L. Grosch

SPECIALS

H. J. Beagles

M. F. Zogg

William Stack

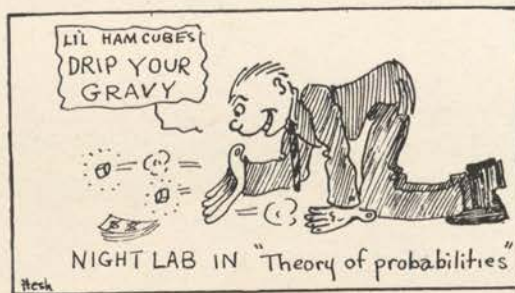


ROLLAMO





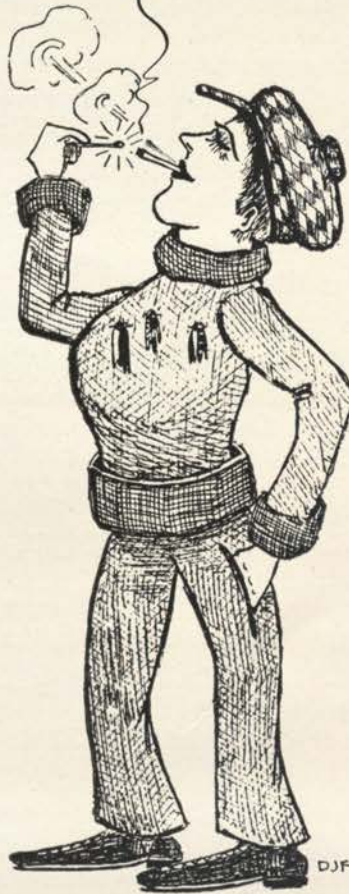
ROLLAMO





ROLLAMO

Honorary & Professional



1922



The Student Council

THE Student Council, an organization composed of three Seniors and two Juniors, is elected by the student body to serve for a period of one year.

The purpose of the Council during the past years has been to bring the students and the faculty into closer touch with each other in order that each might understand the better the viewpoint of the other. In the past, the faculty of the school has been called upon to render decisions upon such matters which, in themselves, were more closely related to the activities of the student body than to the school itself, and, in order to obviate this, they have, during the greater part of the present school year, turned such questions over to the Council for their consideration. The Student Council, then, has had its activities extended, and, while it is obvious that the scope of the Council's activities can not be made all inclusive, it is hoped that, thru precedents established from year to year, it will eventually grow to be a much more responsible organization and one that will merit the support of the whole Student Body.

The members of the Council for the year 1921-1922 were Gettler, Weir, and Wheeler for the Senior class, while Teller and Parkhurst were the Junior representatives. Gettler and Weir were the Junior representatives on the 1920-1921 Council. It has been the desire of these men to treat all questions in an impartial manner and to make the Student Council directly or indirectly a live wire among the campus organizations.

THE STUDENT COUNCIL, 1921-1922

W. K. TELLER.....	<i>President</i>
T. G. WEIR.....	<i>Vice-President</i>
W. R. GETTLER.....	<i>Secretary</i>

SENIOR REPRESENTATIVES

T. G. WEIR

E. S. WHEELER

W. R. GETTLER

JUNIOR REPRESENTATIVES

W. K. TELLER

A. B. PARKHURST



ROLLAMO



STUDENT COUNCIL



1921-1922





ROLLAMO



The Society of Phi Kappa Phi

HONORARY

ACTIVE MEMBERS

H. H. ARMSBY
C. E. BARDSLEY
G. R. DEAN
C. R. FORBES
E. G. HARRIS
A. L. McRAE
W. D. TURNER

J. W. BARLEY
H. L. DUNLAP
F. H. FRAME
C. H. FULTON
K. K. KERSHNER
B. NUDELMAN
L. E. WOODMAN

Elected in 1922

FACULTY

CHARLES LAURENCE DAKE

GRADUATES

P. H. KARGES

D. F. UPDIKE

UNDERGRADUATES

B. E. CHARLES
A. B. JEWELL
JENNIE LYNN LENOX
W. K. TELLER

R. O. ERICKSON
R. J. LAPEE
W. H. METZGER
E. S. WHEELER



ROLLAMO





ROLLAMO

Tau Beta Pi

Beta of Missouri

Installed December, 1906

FRATRES IN FACULTATE

T. M. Bains, N. Y. A
C. Y. Clayton, Mo. B
G. R. Dean, Mo. B
C. R. Forbes, Mich. B
C. V. Mann, Colo. B
H. O. Garst, Mo. B

L. E. Garrett, Mo. B
C. H. Fulton, N. Y. A
J. R. Guiteras, N. Y. A
K. K. Kershner, Mo. B
R. O. Jackson, Me. A
D. F. Updike, Mo. B

FRATRES IN URBE

A. L. McRae
A. X. Illinski
V. L. Austin

H. A. Buehler
P. R. Cook
E. L. Williams

FRATRES IN UNIVERSITATE

R. J. Stroup
R. K. Stroup
W. H. Dunlop
B. E. Charles
J. F. Hosterman
E. J. Torrence, Jr.
W. K. Teller
W. S. Frame
E. A. Keeler
B. W. Adams

E. W. Rembert
E. S. Wheeler
M. L. Frey
J. E. Jewell
R. J. Lapee
P. E. Fischer
F. K. M. Hunter
A. F. Denison
W. H. Metzger
P. H. Karges

PLEDGES

S. E. Storrs
R. J. Kenyon
L. Harbison

G. A. Zeller
J. L. Gregg
V. H. Webster



ROLLAMO





ROLLAMO

Theta Tau

Iota Chapter

Installed December, 1915

HONORARY MEMBER

H. A. Buehler

FRATRE IN FACULTATE

Capt. W. L. Medding, ETA., '17

FRATRE IN URBE

E. K. Schuman

FRATRES IN UNIVERSITATE

R. K. Stroup
R. J. Stroup
J. F. Hosterman
W. R. Gettler
W. H. Dunlop
B. E. Charles
S. M. Hayes
S. H. Stuart
V. H. Webster
M. N. BeDell
F. A. Truebger
R. O. Ereickson
W. A. Werner
G V. Martin

J. E. Jewell
H. E. Zoller
H. S. Pence
H. L. Leonard
M. W. Watkins
E. J. Wendell
K. A. Schmidt
T. G. Weir
E. S. Wheeler
J. P. Gordon
W. H. Metzger
M. I. Signer
W. K. Teller
B. W. Adams

PLEDGES

S. E. Storrs
E. G. Machin
R. E. Murphy
P. C. Hatmaker

W. S. Frame
W. M. Keeling
H. F. Shore
D. L. Moodie



ROLLAMO





Sigma Gamma Epsilon Chapter Eta

HONORARY MEMBERS

Prof. Josiah Bridge
Prof. C. Y. Clayton
Major C. E. Cooke
Dr. C. R. Dake
Prof. C. R. Forbes

Prof. G. A. Muilenburg
Prof. M. H. Thornberry
Prof. D. F. Updike
D. A. Lyons
Geo. J. Salmon

ACTIVE MEMBERS

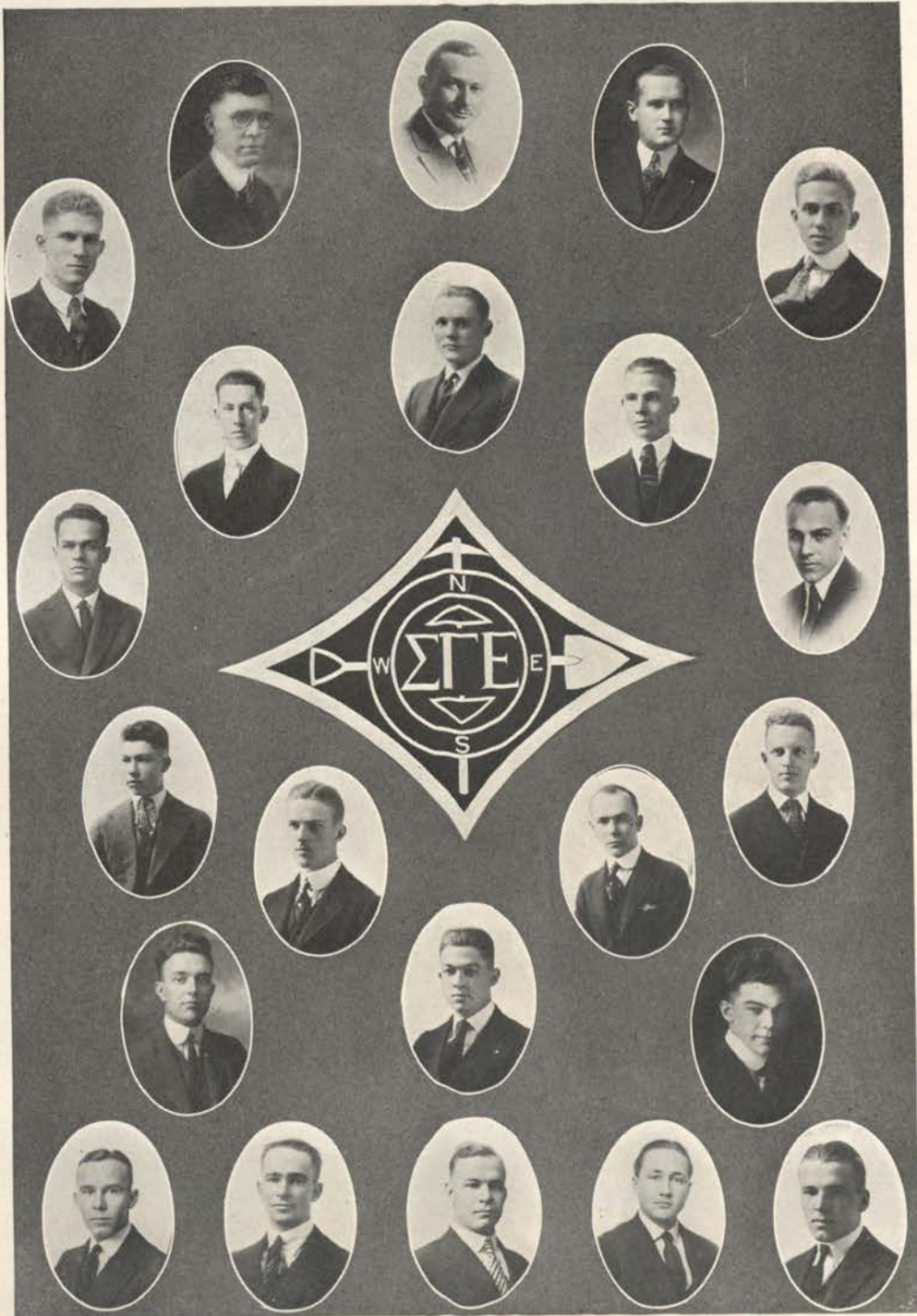
A. F. Denison
I. F. Hodges
E. A. Keeler
J. H. Rohloff
H. F. Valentine
I. W. Alcorn
E. F. Chapin
M. L. Dorris
P. E. Fischer
H. C. Fleck
J. L. Gregg

F. E. Gray
F. K. M. Hunter
C. B. Kaley
I. W. Keyes
G. L. Knight
R. A. Lindgren
C. C. Mosena
G. L. Richert
H. D. Scruby
C. E. Stover
W. E. Teter

G. S. Wyman



ROLLAMO





Satyrs

Honorary Sophomore Organization

Established October, 1913

ACTIVE MEMBERS

Jack Campbell
R. M. Courtney
C. L. Kemper
R. T. Muench
C. F. Schaefer

H. O. Schramm
E. C. Smith
C. W. B. Sitzler
W. E. TenEyck
P. F. Thompson

MEMBERS IN THE SCHOOL

H. Taylor
W. R. Gettler
E. M. Guy
J. E. Jewell
H. L. Leonard
S. M. Burke
J. P. Gordon
H. S. Pence
D. G. Gibson

P. E. Fischer
F. H. Hollow
V. H. Webster
G. J. Christner
M. L. Dorris
D. S. Mosby
H. E. Zoller
A. B. Wilkerson
S. H. Stuart



ROLLAMO





Quo Vadis

A No. 1 Jungle

Colors

Black and Blue

Flower

Dog Fennel

Bo On The Faculty

"Boots" Clayton

Boes In Burg

"Senator" Reid

"Sig" Signer

"Dip" Wendell

"Babe" Dorris

"Ketchem" Pence

"Red" Saunders

"Chuck" Kaley

"Newt" Rountree

"Al" Buck

"Fritz" Matlack

"Cec" Walls

"Toughy" Gibson

Boes On The Road

"Km" Hunter

"Jimmie" Harris

Kids

"Dope" Moodie

"Dutch" Eble

"Toot" Wasmund

"Longboy" Atkinson
Mac MacClelland

*"By de dames dat dey know
And de blood in de meat
By de dirt on de neck
And de size o' de feet,
By de sheen on de hair
Shall y'u know de elite."*



ROLLAMO





ROLLAMO

Miners' "M" Club

M. I. SIGNER.....	<i>President</i>
G. J. CHRISTNER.....	<i>Vice-President</i>
J. L. BULGER.....	<i>Secretary-Treasurer</i>

Members

H. C. Buser.....	<i>Football '19</i>
J. H. Bowen.....	<i>Football '02</i>
A. E. Buck.....	<i>Football '20-'21</i>
W. W. Bolt.....	<i>Football '19-'20-'21</i>
H. Chomeau.....	<i>Track '20-'21</i>
A. L. Cairns.....	<i>Football '17-'18-'19-'20</i>
F. E. Dennie.....	
M. L. Dorris.....	<i>Basketball '16</i>
	<i>Football '18</i>
F. E. Gray.....	<i>Football '21</i>
P. E. Fischer.....	<i>Football '21</i>
W. R. Gettler.....	<i>Football '21</i>
K. Hasselman.....	<i>Football '21</i>
H. G. Hubbard.....	<i>Track '21</i>
L. F. Hazelwood.....	<i>Track '21</i>
B. F. Hoover.....	<i>Track '21</i>
Dr. A. X. Illinski.....	<i>Track '11</i>
C. L. Kemper.....	<i>Basketball '21</i>
O. W. Keeling.....	<i>Baseball '15</i>
M. Ledford.....	<i>Football '21</i>
H. L. Leonard.....	<i>Track '19-'21</i>
R. J. McCune.....	
M. M. McClelland.....	<i>Basketball '21</i>
H. E. McBride.....	<i>Football '20</i>
J. Nolan.....	<i>Football '21</i>
G. F. Nawn.....	<i>Track '21</i>
I. K. Owens.....	<i>Football '20</i>
R. Parker.....	<i>Football '21</i>
A. B. Parkhurst.....	<i>Football '20-'21</i>
E. Pesout.....	<i>Track '21</i>
J. H. Rohloff.....	<i>Basketball '20-'21</i>
C. A. Runge.....	<i>Track '20-'21</i>
A. E. Runge.....	<i>Track '21</i>
L. R. Springer.....	<i>Football '21</i>
J. McK. Southgate.....	<i>Football '99-'00-'01-'02</i>
C. Smith.....	<i>Track '21</i>
M. H. Thornberry.....	<i>Football '06</i>
E. J. Wendell.....	<i>Football '20</i>
C. A. Walls.....	<i>Track '21</i>
M. W. Watkins.....	<i>Football '21</i>
H. E. Zoller.....	<i>Football '20-'21</i>
S. I. Zook.....	<i>Football '20-'21</i>



• ROLLAMO •



• 1922 •



The M. S. M. Players

THE M. S. M. Players were organized in the early fall of 1921 to promote dramatics in all possible ways, particularly the presentation of plays from time to time. The Players present four or five plays each year, most of them being benefit performances for some other student organizations.

Membership is on a competitive basis—an applicant being required to compete for a place on the casts of plays and to successfully portray parts in two plays, or to render certain services on the business staff. All students and faculty members, as well as any lady residents of Rolla, are eligible to compete for membership.

The Players have already presented several plays successfully, their work being unusually good for amateurs.

Officers for The Year 1921-1922

M. W. WATKINS, '23	<i>President</i>
MRS. CHARLOTTE SINGLETON	<i>Vice-President</i>
H. L. LEONARD, '22	<i>Secretary</i>
H. H. ARMSBY	<i>Advisory Director</i>
J. P. GORDON, '23	<i>Director</i>
P. E. FISCHER, '23	<i>Business Manager</i>
J. F. HOSTERMAN, '22	<i>Stage Manager</i>
R. H. KNIGHT, '22	<i>Property Manager</i>

Members

Prof. H. H. Armsby	F. K. M. Hunter
Dr. J. W. Barley	J. E. Jewell
Miss Helen Baysinger	F. A. Kaullen
P. L. Blake	R. H. Knight
J. P. Bryan	H. L. Leonard
Miss Mary E. Campbell	L. Linzer
R. M. Courtney	F. P. Matlack
K. H. DeCouser	D. S. Mosby
Miss D. Culbertson	A. W. Naylor, Jr.
Miss Hazel Dent	Mrs. M. Norville
G. S. Dooley	H. F. Patterson
Miss Billie Farris	Mrs. C. Singleton
P. E. Fischer	C. E. Stover
Miss Marion Fulton	Mrs. C. E. Stover
J. P. Gordon, Jr.	Miss Ruth Tresidder
E. M. Guy	D. F. Updike
W. F. Hoke	J. M. Wasmund
J. F. Hosterman	M. W. Watkins
A. L. Hunt	T. G. Weir

V. L. Whitworth



ROLLAMO





ROLLAMO

Miners Cotillion Club

Seniors

J. F. Hosterman
P. D. Windsor
W. F. Hoke
M. I. Signer

F. P. Kohlbry
T. G. Weir
W. R. Luckfield
H. L. Leonard

Juniors

H. S. Pence
M. W. Watkins
N. M. Ham

C. R. Cameron
B. R. Mennie
H. Moore

E. J. Wendell

Sophomores

H. E. Barnard

J. O. Hunt



• ROLLAMO •





The Missouri Miner

DURING the school year 1921-1922, in which the Miner celebrated its seventh birthday, the paper continued to grow and progress with the growth and progress of the school. The aim of the paper has always been to reflect the life and opinions of the faculty, the student body, and the alumni. An even greater effort was put forth the past year and the results are gratifying to those who made the endeavor.

One of the prime objects of the paper is to be the connecting link between the school and its alumni: to save from complete dissolution that bond that grew for four years. The Miner has been able to more nearly fulfill this purpose thru the foundation of the M. S. M. Alumni Association which took place at the Fiftieth Anniversary of the School, last November. All of the members take the Miner and in this way not only serve their own best interests, but enable the Miner to do more of what it should do.

Nine members of the Board returned to school in September: Wheeler, Leonard, Burke, and Wilkerson on the Editorial Staff; and Teller, Hollow, Watkins, Zeller, and Luckfield on the Business Staff. Wheeler held his position as "Chief" until November, but was forced to resign on account of heavy school work. All regretted to see "Bugs" leave; however, the Board found a man for the position in Steve Burke. His aggressiveness and far-sightedness has done much to keep the Miner "going strong."

During the year, Valentine, Millikan, and Frey were elected to the Editorial Staff, and Reid and Schaeffer were elected to the Business Staff. The Miner was unfortunate in being unable to secure a cartoonist.

The editorial staff has been active in securing a comprehensive report of school life and thought. Wilkerson, as Athletic Editor, has given the school athletics a good boost by his reviews. The business staff has handled its work in a most creditable manner. It was unfortunate in losing Teller as its head, but "Lucky" has since shown that he is an efficient Business Manager. Zeller and Schaeffer have handled the circulation in a systematic way, and have succeeded in cutting down materially the complaints such a department is always sure to receive. Watkins, Hollow, and Reid have kept the paper well supplied with advertising.

Plans are now on foot for a next year Miner that will be Bigger and Better than ever before.





Rolla Chapter, Order of De Molay

OFFICERS

<i>Master Councillor</i>	EDW. TORRENCE, JR.
<i>Senior Councillor</i>	DONALD B. LOEVY
<i>Junior Councillor</i>	A. F. MOHRI
<i>Scribe</i>	LYNDALL GROSCH
<i>Treasurer</i>	LEWIS R. SPRINGER

MEMBERS

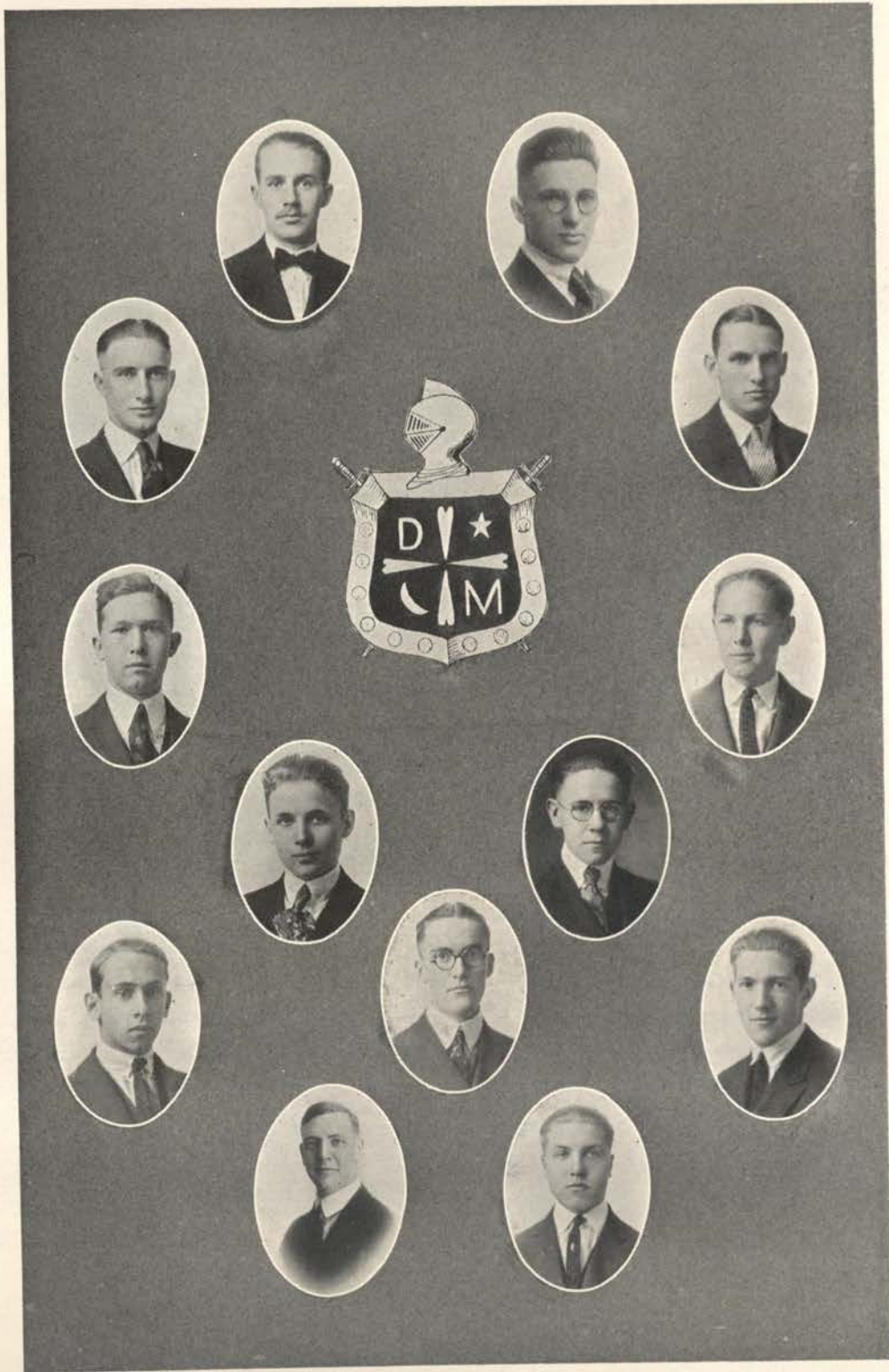
Paul A. Terry	Donald R. Baker
Donald N. Griffin	Harold R. Wormington
Arlis B. Parkhurst	Claude L. Kemper
Jameson E. Couch	Howard F. Hill
Guy Clement Cunningham	Fred C. Martin
Kenneth A. Ellison	Bourke Samples
William E. H. Knight	Winston J. Durant
Orman J. Horrom	Milton Levy
Charles B. Kentnor	Robert K. Miller
Charles L. Kitchen	Carlos G. Bowers

ADVISOR

Dr. Austin Lee McRae



ROLLAMO





ROLLAMO

Square and Compass

OFFICERS

H. F. VALENTINE.....	<i>President</i>
B. M. LAYTON.....	<i>Vice-President</i>
H. C. Loesche.....	<i>Secretary</i>
C. E. STOVER.....	<i>Treasurer</i>
FRED LANE.....	<i>Historian</i>

MEMBERS

C. E. Bardsley	J. H. Hynes	J. L. Pasley
W. F. Brooks	W. C. Ivins	T. T. Ranney
J. B. Butler	V. J. Joslin	A. Scott
C. R. Cameron	Wm. O. Keeling	E. A. Shirley
J. Castelli	R. H. Knight	D. D. Starke
E. F. Chapin	E. Koch	F. N. Strong
Kurt H. de Cousser	H. L. Leonard	H. J. Teas
E. E. Decker	Wm. R. Luckfield	W. E. Ten Eyck
H. L. Dunlop	Ed. G. Machin	Wm. E. Teter
O. R. Evans	W. L. Medding	P. F. Thompson
V. K. Fischlowitz	C. L. Martin	T. M. Thompson
H. O. Garst	Ray McBrian	V. L. Whitworth
J. L. Gregg	A. L. McRae	Wm. Weimkin
E. McK. Guy	C. J. Millar	P. D. Windsor
D. J. Hendry	C. C. Mosena	Ed. H. Woolrych
J. T. Hodges	B. Nudelman	W. C. Zeuch
T. Holliday	R. A. Parker	S. I. Zook



ROLLAMO





ROLLAMO

The Mercier Club

CHAPLAIN

REV. FR. S. P. STOCKING

OFFICERS

J. J. HARBERTHIER.....	<i>President</i>
G. F. WILLIAMS.....	<i>Vice-President</i>
R. J. LAPEE.....	<i>Secretary</i>
JAS. MCCARTHY.....	<i>Treasurer</i>
F. H. HOLLOW.....	<i>Historian</i>

ACTIVE MEMBERS

F. G. Bisch
W. J. Buechler
J. L. Bulger
W. A. Burg
S. M. Burke
F. A. Canales
W. A. Coffman
A. Devereux
E. J. Gorman
F. R. Halasey
W. F. Hauck
M. V. Healy
C. J. Heim
F. A. Kaullen
H. P. Lawrence

M. T. Maloney
R. J. McCune
J. N. McGirl
D. S. Mosby
J. M. McDonnell
G. F. Nawn
R. L. Parker
G. L. Richert
E. B. Sanders
E. B. Schramm
Leo. E. Shire
Chris. Southern
D. F. Walsh
Robt. Zevallos
H. E. Zoller

B. F. Lyons

ASSOCIATE MEMBERS

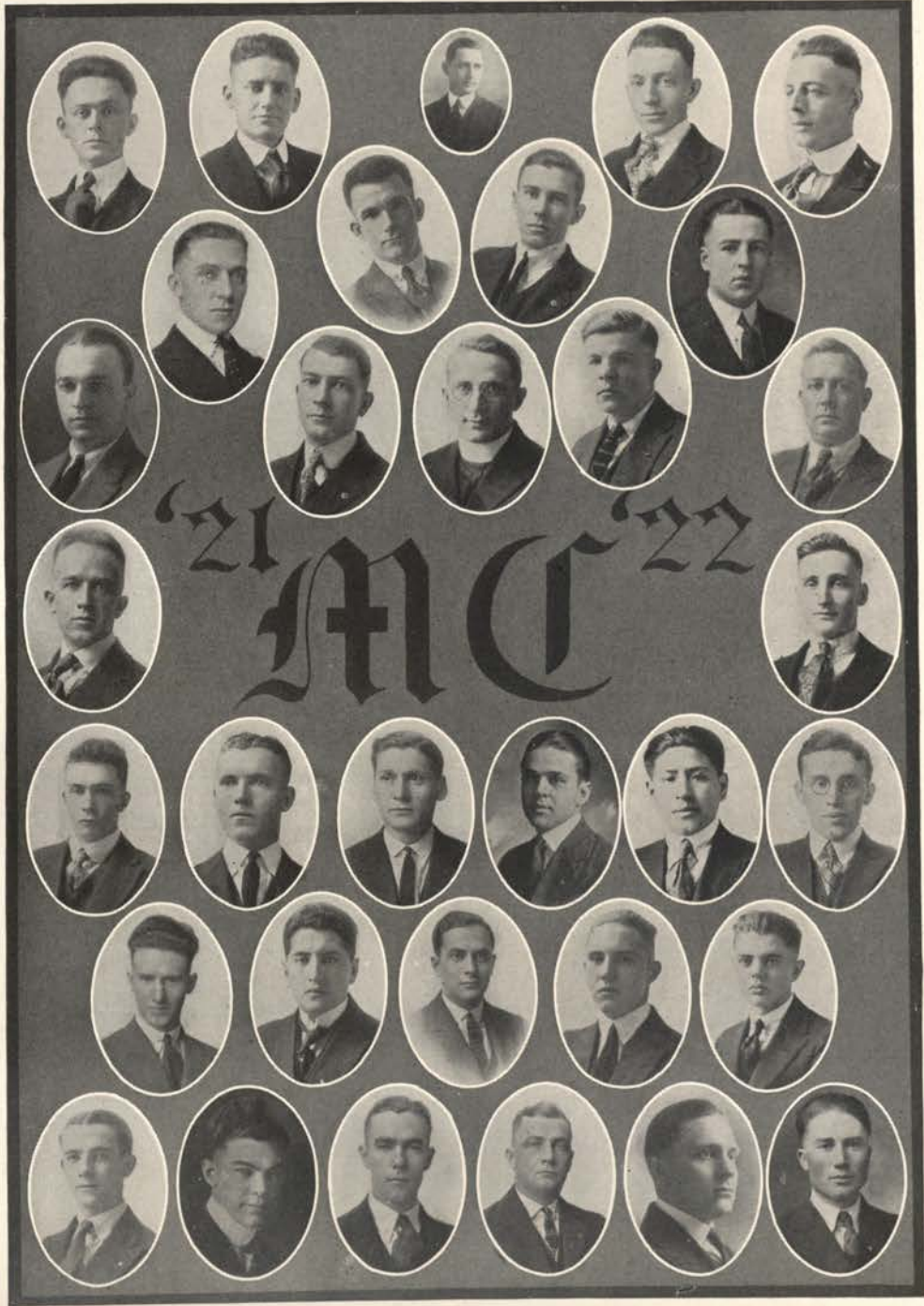
J. E. Bullard
E. J. Campbell
Thomas Clare
L. A. Domas
D. F. Donohue
W. H. Fethers

G. L. Gabler
L. W. Higley
H. R. Hunt
C. E. Parker
J. G. Parker
B. F. Ramey

J. A. White



ROLLAMO



1922



M. S. M. Glee Club

G. L. KNIGHT.....	<i>President</i>
T. G. WEIR.....	<i>Vice-President</i>
L. E. SHIRE.....	<i>Secretary</i>
D. L. MOODIE.....	<i>Librarian</i>
PROF. C. V. MANN.....	<i>Faculty Vice President</i>
DR. W. D. TURNER.....	<i>Director</i>
R. T. MUENCH.....	<i>Pianist</i>

MEMBERS

G. R. Scott	E. T. Campbell
L. E. Shire	R. D. Ward
C. B. Kentnor	T. G. Weir
H. H. Pace	D. L. Moodie
W. E. H. Knight	A. F. Mohri
R. K. Miller	P. L. Blake
Paul E. Whitesell	W. B. Hardwicke
D. J. Flesh	J. E. Stogsdill
J. W. Merrill	E. L. Fipps
J. H. Hynes	H. R. Berry
R. T. Muench	G. L. Knight
Lyndall Grosch	W. O. Keeling

The M. S. M. Glee Club is one of the younger organizations of the school, having been formed in the early part of the Autumn term. Since that time much has been accomplished toward building up a capable musical organization and the club has appeared in public on two occasions. As a good glee club is a valuable asset to a school, it is hoped that the club will see further growth and advancement in the coming years.



Missouri Mining and Metallurgical Association

THE Missouri Mining and Metallurgical Association was organized in 1895 as the Missouri Mining Club. This name was changed to Missouri Mining Association in 1910, and to the Missouri Mining and Metallurgical Association in 1919. The objects of the association are:

First, to advance the knowledge of mining and metallurgy among its members.

Second, to promote good fellowship among the students and alumni.

Third, to bring the School of Mines and Metallurgy into closer relation with the mining and metallurgical professions at large.

The association has a membership of eighty-five, which is the largest in its history. Members of the A. I. M. M. E. and alumni have given hearty co-operation and we are indebted to them for the interesting meetings held this year.

The association was guest at the fall meeting of the St. Louis section of the A. I. M. M. E. which was held in Rolla during home-coming week. The following prominent men gave talks at that meeting:

T. A. Rickard, P. N. Moore, A. Thacher, A. D. Terrell, Mr. DeWolfe and Mr. Valerius.

During the year we were fortunate in having the different aspects of mining and metallurgy explained to us by the following well known men:

Dr. C. H. Fulton, Director of the Missouri School of Mines.

Mr. H. A. Buehler, State Geologist.

Dr. D. A. Lyon, United States Bureau of Mines.

Mr. Coghill, United States Bureau of Mines.

Mr. DeWolfe, State Geologist for Illinois.

Mr. Paul R. Cook, M. S. M. '07.

Mr. R. G. Knickerbocker, M. S. M. '13.

Mr. A. D. Terrell, M. S. M. '98.

In February we are hoping to have Mr. Arthur Thacher with us and at least two other speakers before the end of the year.

OFFICERS

I. F. HODGES.....	<i>President</i>
PROF. C. R. FORBES.....	<i>Vice-President</i>
J. H. HOSTERMAN.....	<i>Secretary</i>
H. F. VALENTINE.....	<i>Treasurer</i>



ROLLAMO

MEMBERS IN FACULTY

M. H. Thornberry
G. A. Muilenburg
C. R. Forbes

Josiah Bridge
J. R. Guiteras
Dr. A. L. McRae
C. Y. Clayton

Dr. C. H. Fulton
Dr. C. L. Dake
T. M. Bains

MEMBERS OF STATE SURVEY

H. A. Buehler

W. F. Pond

STUDENT MEMBERS

D. S. Tedford
Roland Tragitt
F. Z. Meeks
H. C. Loesche
M. N. BeDell
I. Sternberg
H. H. Heidtman
R. J. Lapee
A. B. Wilkerson
Geo. L. Richert
Sam Zook
H. C. Buser
David Walsh
Phillip Andrews
E. H. Cathcart
Ben Layton
Howard Fleck
H. A. Scruby
M. L. Torrence
Leo Linzer
P. D. Windsor
Bruno Rixleben
F. K. M. Hunter
A. C. Rucker
E. J. Wendell
Wm. Hoke
A. F. Denison
F. C. Mulford
F. I. Henderson
E. M. Guy
J. P. Gordon
R. F. Orr
R. J. Stroup
S. K. Reid
W. M. Watkins

R. K. Stroup
I. W. Alcorn
J. G. Miller
B. E. Charles
Wm. McClelland
J. E. Jewell
Eddie Pesout
A. B. Parkhurst
W. E. Teeter
Michael Healy
J. T. Hodges
W. E. Remmers
R. E. Murphy
J. J. Habertheir
H. H. Leonard
I. W. Keyes
Harold Childress
E. H. McAlpine
E. A. Keeler
J. N. McGirl
P. E. Fisher
J. M. Forgotson
C. B. Kaley
A. D. Schmidt
E. T. Campbell
C. C. Mosena
H. G. Hubbard
H. F. Patterson
M. L. Frey
R. F. Grady
A. F. Mohri
J. L. Gregg
E. L. Fipps
G. A. Dooley
H. S. Pence



ROLLAMO

MILITARY



1922



ROLLAMO

Headquarters Reserve Officers Training Corps

Cadet Battalion

Roster of Officers, Noncommissioned Officers, and Privates

CADET MAJOR

W. W. Bolt

CAPTAINS

S. H. Stuart
H. E. Zoller

S. E. Storrs, *Adjutant*
E. R. Tragitt, *Supply Officer*

1ST LIEUTENANTS

J. M. Reeves

W. C. Lay

2ND LIEUTENANTS

H. E. McBride

V. H. Webster

1ST SERGEANTS

B. R. Mennie

P. J. Hegwer

STAFF SERGEANTS

D. G. Gibson
B. F. Hoover

J. M. Wanenmacher
K. A. Schmidt

A. B. Parkhurst, *Color Sergeant*

SERGEANTS

G. F. Nawn
R. F. Orr
W. Mikell

H. R. Drouot
C. B. Davis
L. Springer

J. O. Hunt

E. A. Buck, *Color Guard*

CORPORALS

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W. E. H. Knight
W. E. Remmers
J. Christopher

C. F. Schaeffer
D. L. Moodie
C. L. Kemper
C. W. B. Sitzler

A. W. Naylor

J. P. Campbell, *Color Guard*

PRIVATES

H. D. Ainsworth
D. R. Baker
R. A. Ballinger
H. R. Berry
R. O. Bohn
C. G. Bowers
C. R. Brown
B. L. Browning
W. Burg
J. Blickensderfer
W. E. Casey
J. Castelli
J. D. Collier,
J. E. Couch
W. E. Cox
C. Cunningham
I. R. Doolittl
K. A. Ellisone

J. N. Foster
G. L. Gabler
G. Gaines
E. J. Gorman
D. Griffin
W. R. Groschan
K. Hasselman
A. Heitmann
H. F. Hill
O. J. Horrom
B. Imus
C. C. Irving
F. Jackson
F. Keith
H. H. Kessler
I. Knoebel
M. A. Ledford
G. Letts

M. Levy
C. W. Magalis
H. C. Marek
C. L. Martin
F. C. Martin
J. W. Merrill
R. K. Miller
H. Moore
R. T. Muench
F. Mulford
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A. E. Runge
B. Samples
H. O. Schramm
H. C. Scott

W. B. Sharp
W. E. Simpson
P. A. Smith
I. Sternberg
J. E. Stogsdill
F. N. Strong
I. Sublett
P. A. Terry
J. D. Thomas
D. F. Underwood
C. Valerius
A. W. Walker
F. Weirich
P. E. Whitesell
O. M. Wilson
D. Zimmerman



ROLLAMO



R.O.T.C.





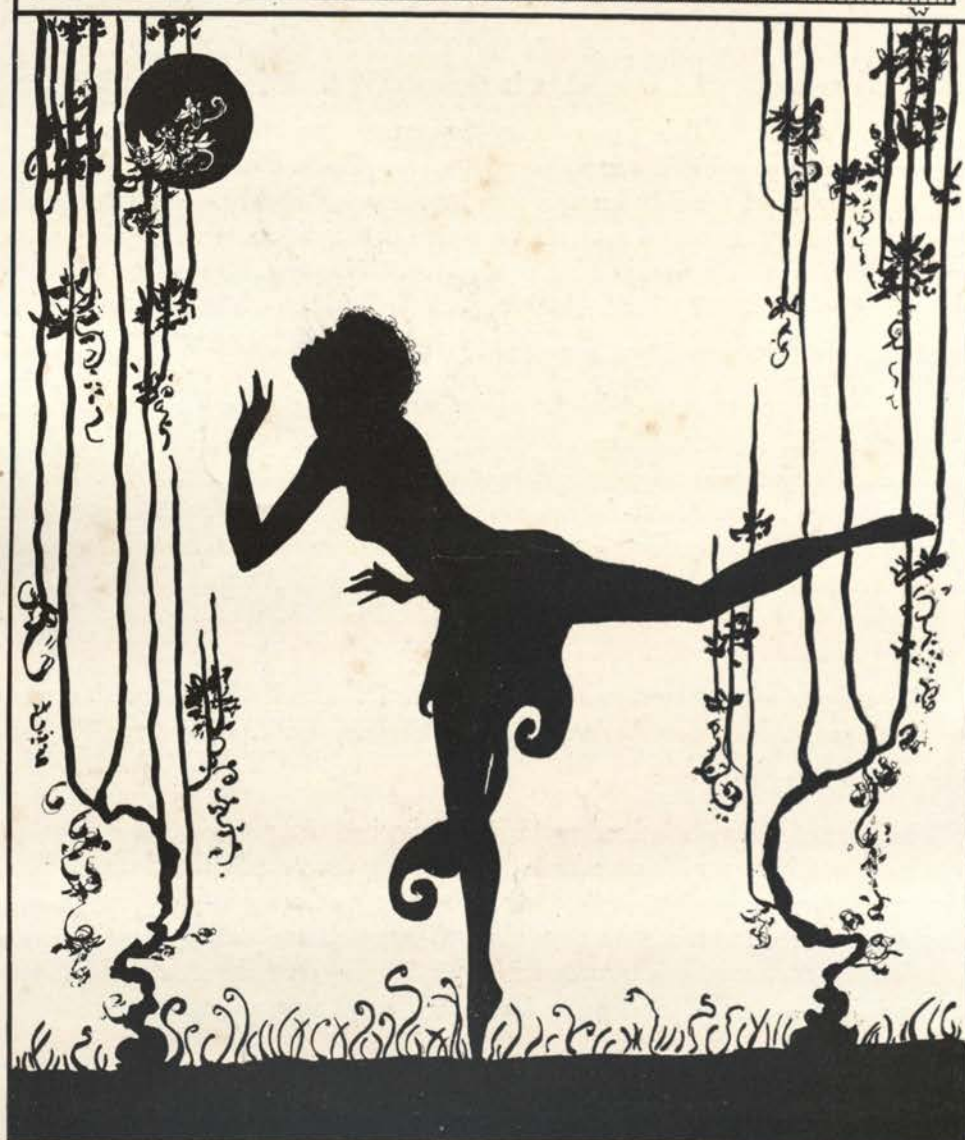
ROLLAMO





ROLLAMO

STUNTS





Home Coming

THE Fiftieth Anniversary was celebrated in a fitting manner on November 4, 5 and 6. The three day program included a reception, a play, an automobile trip to Meramec Spring, play on the golf links, football games, an alumni banquet, the autumn meeting of the St. Louis Section of the A. I. M. E., the organization of an Alumni Association, and a formal program.

The formation of a national alumni organization was an outstanding result of the Home-Coming celebration. A meeting was held Friday afternoon, with seventy-five alumni present, at which the matter of a national association was brought up. The men from St. Louis and Tulsa were proud of the achievements of their chapters and were outspoken in their desire for a nation-wide body.

M. M. Valerius, of Tulsa, was elected temporary chairman, and L. E. Turnbull, of St. Louis, was appointed temporary secretary. Enthusiasm ran high, the need of such a body being forcibly brought out by the many speakers. A committee of seven men was appointed to revise a proposed constitution, which had been presented, and to act as a nominating committee. The members of the committee were: J. A. Garcia, '00, R. F. Rucker, '06, G. R. Dean, '90, J. S. Brown, '17, G. B. Morgan, '04, V. H. McNutt, '10, and J. K. Walsh, '17.

The committee met later in the afternoon to make some desired changes in the constitution. After the banquet Friday evening the committee presented the constitution, which was adopted. The name of the association is the Missouri School of Mines Alumni Association. Membership shall be open to alumni, to all former students, and to those persons deemed worthy of honorary membership. The officers shall be a President, Vice-President, and Secretary-Treasurer. The headquarters of the association shall be at Rolla, Mo., and the Secretary-Treasurer must be a resident of Rolla.

The officers elected were: President, A. D. Terrill, '98, of Chicago, Ill.; Vice-President, A. Emory Wilson, '09, of Fresno, Calif.; Secretary-Treasurer, G. R. Dean, '90, Rolla, Mo.

The dues of the association are \$5.00 yearly, including a year's subscription to the Miner, or, \$50.00 for life membership, including ten years' subscription. Seventy-five men have joined to date, and from this nucleus will develop an active ever-ready association ready to help the undergraduates, to keep up that fellowship spirit which was so evident during Home-Coming, to help all school activities, to extend broadcast the prestige of M. S. M., and to promote the technical and social interests of its members.

The celebration was brought to a close by the ball held at the Gymnasium Saturday evening. The gym was appropriately decorated for such a gala occasion. The grand march was led by Dr. and Mrs. L. E. Young and Dr. and Mrs. A. L. McRae.



Poor Frosh

WONDER, the kind that innocent Freshmen have, ran through the heads of a car load of fresh meat consigned to the School of Mines, when the individual portions of this meat cast their respective eyes on the motley crew of unkempt Sophomores, carrying barrel staves, ganged around the depot. "Unusually rough looking place," coughed a green ham with side-burns. "Don't look half as rough as it is," came from a well seasoned Miner. But before many days had passed our youthful knowledge seeking raw meat, labeled Freshmen, had come to the same conclusion. Occasional clashes with the Sophs took place all of the first week, but they were mere skirmishes in which a few Freshmen were always caught and brought to the corner of Pine and 8th Streets where they entertained great crowds by their natural "inborn" talents, which were brought to the surface by stimulating massage, applied "posternally" by the willing Sophs.

By the fifth day after registration the new blood had coagulated and was not to be easily dissolved by the second year huskies. That night the bloodiest slaughter recorded in the history of raw meat took place. As the barrel stave supply had become exhausted it was necessary to resort to clubs. When the fight was over it was found that the casualties were about balanced, altho the Sophs claimed the honors. More bones would have been broken had it not been for the nine inches of mud in which the fighters "frolicked" so passionately.

Sunday night the fresh meat was run out of town in order that it would be stale enough for the official battle on Monday morning. In conformation with the usual custom the new class made the night a memorable one by spending it on the damp, cold, Phelps County fairgrounds. This particular class, being blessed with several self-appointed leaders, was organized in true military fashion; then by forcing their imagination to function, pictured some of their numbers being "shanghied" by the scheming Sophs and being tied to the earth, or thrown into roving box cars, thus keeping them entertained until after the class fight. A few upper classmen paid the Frosh a social call and acquainted them with the songs and yells they would need to know for the next day.

The fight was "pulled off" the next day as scheduled, and as the Sophs were supposed to win they did. With one pants leg rolled above the knee, green paint on leg and face, with foolish signs on their backs, and more foolish looks on their faces, the broken class of '25 was marched spiritedly to Jackling Field. Here they amused the audience by indulging in such gentle games as molasses shampooing, lampblack clubbing, egg throwing, proposing, singing, shimmying, and soul kissing, all to the tune of paddle jazz. The activities for the day closed by presenting them with the royal head-dress for Freshman Engineers—green caps. Altho some thought them nifty, nobby, and neat, the great majority became so excited over the prospects of burning them on Thanksgiving eve that a stack of boxes, rivaling the funeral pyre of Croesus, was consumed in flames, in spite of the emphatic protests of the "Rolla Police Force." This ended 1921 Freshman abusement and Sophomore tyranny.



Freshman Smoker

AFTER the burning of the green caps at Thanksgiving holiday, the Freshmen took on an entirely different attitude. Boots and John B's. became quite the prevailing garm with them. In fact, a Freshman began to be treated like "white folks." He was recognized on the street and respected more among the upper classmen. In appreciation of this change in affairs, the Freshman class gave an entertainment in the form of a "Smoker." This wonderful fete was staged on January the fourteenth, and the attendance lacked very little of being 100%. On such an occasion as this no self-respecting Freshman class could depend on local talent for entertainment. They

needed real professional entertainers, and they sure enough had them. Before we come to this stage of the game we must bring in some minor points that went to make up the program.

The party opened promptly at nine o'clock. A large circle of chairs was made around the boxing ring. This did not begin to accommodate the spectators, however, so some of them were persuaded to take back seats in another circle of chairs. The customary method of passing the pipe of peace was not attended to, but each man was presented with a handsome meerschaum pipe—made in Missouri. Then the peace smoke was started with no hesitancy as to the "biting" of a new cob pipe and "Old Hillside" combined. No drinks were served by the class. The first address was made by Professor Armsby: "Boys, the Sky is the Limit." After that the first bout was staged by two welter weight "dingies." This was not a hot scrap and up to the present time we have been unable to find out the kinship of the two negroes, but from the way they fought, one of them must have been depending upon the other for a livelihood and did not want to disable him. The next bout was of a more exciting nature. The opponents were Richardson and Stogsdill, who fought to a draw. Enthusiasm had reached its height, but we want to tell you that the entertainment had just begun. Mr. Abie Goldstein was introduced and his repertoire consisted of a bunch of good jokes. Every one brought down the house. The lady entertainers were then brought in to bring about the evening's grand finale. Miss Fawnette was a beautiful blonde, who appeared dressed in a very scanty costume of pink chinensis. Miss Phyllis Savonarola was quite a different type. She was a brunette of much heavier stature and was garbed in a natty little creation of red satin. These two renowned actors were encored many times on account of their wonderful ability in their song and dance numbers. Their jubilant nature and friendliness with their audience were probably their greatest factors to make their act a success. In all entertainments of this kind the success rests in



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the ability of the "headliner." Miss Helen Massacio was very competent in this part. To describe her: She was a decided brunette of French parentage and very stately in appearance. She was clad in a beautiful gown of black beads with clasps of red. Her success as an entertainer rested in her ability to execute the dances of the old Harems in true Turkish style. As an artist and entertainer we considered her the greatest feature of the program.

The success of the smoker does not rest on individuals, but on the class as a whole. However, we might mention the names of several individuals from all classes who assisted, with their comical actions toward making up a complete program. We are leaving out these names for two reasons: To cut the story short, and, It's time to have a drink!



Senior Trip

ON WEDNESDAY, April 12, 1921, a bunch of "rambling wrecks from Rolla Tech." boarded Number Four starting on their Senior trip.

After a "quiet" evening in St. Louis, and a little rest for some, Thursday was spent in a visit to Donk Brothers' mines in Illinois. Our motley crew were mistaken at first for strike breakers and then for sons of English stockholders. The latter mistake had not been cleared up by noon, so the price charged for our luncheon was proportionate to our supposed rank. During our perambulations through the mines, we had the advantage of having Kluge, '18, as our most courteous and efficient guide.

That evening our party left St. Louis and took over Ironton's "Ritz" en masse. The following day was very pleasantly (?) and profitably (?) spent in hiking up and over Pilot Knob and Shepard Mountain. The value of this trip was largely historical, and we were all pleased when it had indisputably faded away into a memory and become only a part of our individual pasts. During spare moments and especially about twilight, the romantic atmosphere which hovers over these mountains inspired the "whiskey tenors" to blend their voices so harmoniously that the natives followed them up and down the streets of Ironton showering them with never ending applause.

Saturday gave us our most varied experiences of the trip. We journeyed by taxi through Graniteville, visiting the Elephant Rocks, the granite quarry, and the iron mine at Iron Mountain. At this last mentioned place, we were given ample demonstrations of the oratorical abilities of several mining engineers. The day ended only after a perilous taxi trip from Frederickton to Flat River.

Sunday saw us hugging the radiators and cursing the janitor at the "New Hammond,"—new only by courtesy. Many of the boys with the ability of making friends easily enjoyed the comforts of a cozy parlor and the congenial companionship of the feminine sex.

Monday and Tuesday were spent visiting mines and mills in the immediate vicinity of De Loge. Despite the romantic name of this city (?), nothing very exciting developed during our stay within its fair environs.

Wednesday was, perhaps, the banner day of the trip. No Senior who was with the party can forget the treatment we received at the Hurculaneum smelter, including, as it did, an excellent luncheon served by the wives of the mine officials. No effort was spared to insure our complete comfort.

Our party arrived in St. Louis that evening, as the miner's portion of the trip. During the evening, we enjoyed an elaborate banquet given by the St. Louis Alumni Association at the American Annex. Many old timers were present, and everyone enjoyed and appreciated this timely get-together.

The metallurgists of the party, under the able guidance of Professor Bains, visited numerous plants and factories in and around St. Louis for the rest of the week.

No review of this trip would be complete without an appreciative acknowledgement of the work of Professor Forbes, who piloted the party during the trip, in spite of limited facilities, with such apparent ease and in such a manner that each individual was enabled to get the most possible good from the experience.



The Junior Trip

FIVE men, under the able chaperonage of Prof. Forbes, spent six weeks during May and June visiting the different mining camps in the West. They were: "Steve" Burke, Henry Hubbard, "Mike" Healy, "Pluto" Cameron and P. D. Windsor.

The party left Rolla on Sunday night, May 8th. The following day was spent visiting several mines and mills in the Joplin District. Tuesday was very enjoyably spent in Fort Worth with the entertainment of Mr. and Mrs. White, parents of Fred White, a former student at M. S. M. The next jump was to El Paso where the party was met by the Scientific Club of the Texas School of Mines. A feature of their entertainment for us was an inspection of the A. S. & R. Copper Smelter. Jaurez, Mexico, was by no means avoided, so it was a rather haggard party that left for Bisbee. Four days were spent in visiting the mines of C. & A. and Phelps-Dodge Co. The social side was not neglected, for through the kindness of several old M. S. M. men, located in Bisbee, we were guests of the Country Club at two dances.

Two days were consumed in traveling from Bisbee to Phoenix by rail and from there to Globe by auto stage over the famous old Apache Trail. The Roosevelt Dam was visited en route. Two days were spent in Globe and Miami inspecting the properties of the Miami Copper Co.

But one day was spent at Ray, en route to Ago, Ariz., and then the party moved on to Los Angeles where a few days were consumed in rest and general recuperation.

A day was used for sightseeing in Frisco, after which the party journeyed to Sacramento where some time was spent in visiting gold dredges in the near vicinity. Several more days were consumed in Grass Valley, California, inspecting gold mines, stamp and cyanide mills. It was a rather tired crew that arrived in Salt Lake after the longest single stretch of travel on the trip. Our interest in Bingham Canyon was not diminished by this fact, however.

Due to the Pueblo flood, which was at its height at this time, the six men were separated upon leaving Salt Lake. Some of them were able to get down to Castle Gate, Utah, and visit the coal mines, while the others went direct to St. Louis.

On the whole, the trip was highly beneficial from an educational point of view. The men who made the trip wish to thank, through these columns, the officials who made our visits so pleasant at their properties.



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Saint Patrick's

ALL NATURE smiled and favored the Miners with the fairest of all fair days on which to honor and pay homage to our venerable but mighty Patron Saint. Worthy sons in the two lower classes were granted the privilege of paying their respects to the Saint by creating floats for the gala parade which escorted His Most Gracious Person from the Frisco station, where he arrived in great state "on" his private car.

It was a parade such as had never been seen before and was entirely too magnificent an escort for any save Saint Pat himself. It was the materialization of great thoughts and conceptions evolved out of the minds of students especially gifted with opinions of the faculty. These opinions were expressed concretely in the form of floats which set forth vividly, before the wide world, the weaknesses, caprices, sins, whims, and idiosyncrasies of "ye hard boiled facultie." In this, as in other school activities, the vocational men were "there" with ideas and the ability to put them over.

The great Saint, impersonated by James E. Jewell, entered the city accompanied by his two Royal Guards, D. F. "Slim" Updike and J. F. "Emily" Hosterman, and his two Pages, A. W. "Spoof" Walker and C. F. "Snipe" Schaeffer, St. Pat's private hand car serving as the Royal Conveyance. The Venerable Saint took his place at the head of the procession assembled to greet him, and led the host of loyal wearers of the green to Parker Hall amid the loud cheers of great throngs.

Old men and little children watched; so did the women. And innocent "young things" from far and near with hairline eyebrows, pasted curls, divided eyelashes, rosy lips (in Cupid's bows), rolled stockings, and pharmaceutical complexions, forgot their deadly baby-stare to open wide their eyes in wonder as the mighty host rolled by.

At Parker Hall the customary preliminary ceremonies took place, enlivened by an innovation in the form of aerial bombs, set off by the patriotic Freshman Class to herald the entrance of the honored Class of '21 into their roped enclosure. When the last Senior was within, a great bomb burst high overhead, from which red, white and blue parachute opened, carrying a large silk Miner flag. As the orange and white silken banner floated lazily high over the green campus on a gentle puff from the cheeks of Aeolus, a loud and orotund command to "kow-tow" struck dumb fear into the hearts of the weak, but reverence in the hearts of true Miners, and won obeisance from all: Saint Patrick stood in the centre of the stage erected at the entrance to Parker Hall. Surveying the situation and seeing that he was recognized by all, he made a short speech, after which he demanded, in a voice of thunder, the Blarney Stone. As good fortune would have it, McClurken, an Irish Geologist of wide renown, was in the crowd, and hearing the Patron Saint express



ROLLAMO

his desire, he volunteered to find the stone. "Mac" had spent many of the younger years of his life prospecting among the Blarney Stone beds of Ireland, and after much study and mathematical calculation (aided and abetted by Prof. Dean), he had come to the conclusion that the Blarney Stone outcrop must appear somewhere near Rolla, Missouri, U. S. A. Taking pick in hand he prospected for a brief time, soon returning with the much coveted stone, which he placed at the feet of Saint Pat.

Saint Pat called each Senior forward, made him "kow-tow," kiss the Blarney Stone with resounding smacks, and finally pronounced him a Knight of the Order of St. Patrick, not missing any opportunity to chide him for his pet weaknesses.

Following the knighting of the Seniors, Saint Pat bade all adieu until eleven o'clock that evening, promising to appear at that time at the Grand Masque Ball at Jackling Gymnasium to crown the Queen.

A few hours after night had fallen upon the campus and streets of Rolla, the scenes of so much activity during the day, joyous crowds made their way to the gymnasium where a veritable dreamland awaited them. Artistic hands had used to good advantage the tasteful decorations, entirely obscuring the original appearance of the room. At nine o'clock Gene Rodemich's mirth makers struck a note of harmony which would have put pep in feet of stone, and the gay crowd, in their masks and multi-colored costumes, circled the ball-room with rhythmic step and graceful sway, until, as the hour of eleven struck, there thundered through the hall a sonorous command—"kow-tow!" It was St. Pat, and all obeyed.

The Saint moved majestically down the human aisle formed by the dancers who, with knees bent and heads bowed low, sought to do him homage. Following Saint Patrick came stately Queens of former years and pretty maids of honor, each under escort of chosen members of the Junior Class. Then with grace, courtliness and charm our queenly Queen of the 1921 Saint Patrick's Celebration slowly glided down the aisle, and kneeling at the foot of the throne, was crowned by St. Pat. Rising, she took her place beside him amid the loud and sincere applause of all present, for this lovely Queen, Miss Hazel Dent, had won the hearts of all.

Again the stream of Jazz Melody poured forth and the syncopation held the dancers bewitched until the wee sma' hours.

SELAH!





ROLLAMO

Saint



Pat's



1921

1922



ROLLAMO

Saint



Pat's

1921



The Plays

DURING the past year, one of the most entertaining features of our college activities has been the series of college plays produced by the members of the M. S. M. Players. Five plays have been brought before the student body and the good people of Rolla, and success has attended each performance. In addition to the more pretentious plays, an excellent two-act farce was presented before the assembly on the sixteenth of December as a farewell entertainment before the Xmas holidays. These plays have all been put on by students and the girls of Rolla. Some exceptional talent has been developed, and the M. S. M. Players well deserve the support their efforts have drawn from the students and town people.

FACING THE MUSIC

The premier effort of the new organization was concerned with the production of a three-act farce-comedy by James Henry Darnley entitled "Facing the Music."

The thread upon which the plot of this play hangs is that of mistaken identity and the mistake of a minister's wife in returning from a visit and taking up her residence in the flat of a sporty young married man whose name is identical with that of her husband.

Under the able direction of Prof. H. H. Armsby, and with an excellent staff, the cast carried their parts with a success seldom reached in the production of amateur theatricals.

The music rendered by a novelty orchestra under the leadership of "Dutch" Cohlbray was appropriate and excellently rendered.

THE CAST

<i>Rev. John Smith, the Curate of St. Andrews</i>	J. P. Bryan
<i>John Smith, the Other John Smith</i>	J. P. Gordon
<i>Dick Desmond, the Other Mr. Smith's Guest</i>	H. L. Leonard
<i>Col. Duncan, the Other Mr. Smith's Uncle</i>	J. F. Hosterman
<i>Sergeant Duffell, from Vine St. Police Station</i>	R. H. Knight
<i>Mabel, the Curate's Wife</i>	Ruth Tressider
<i>Mary, the Other Mr. Smith's Wife</i>	Helen Stover
<i>Flora Fotheringay, of the Bijou Theatre</i>	Marion Fulton
<i>Mrs. Ponting, the Other Mr. Smith's Housekeeper</i>	Dorothy Culbertson

THE STAFF

<i>Director</i>	H. H. Armsby
<i>Assistant Director</i>	J. P. Gordon
<i>General Manager</i>	D. F. Updike
<i>Business Manager</i>	P. E. Fischer
<i>Stage Manager</i>	H. F. Patterson
<i>Property Manager</i>	R. H. Knight



NOTHING BUT THE TRUTH

"Nothing But The Truth," a comedy by James Montgomery, was presented to a highly appreciative audience in Parker Hall on the night of Wednesday, April 27, 1921.

As a comedy, this play could not be excelled, and those who witnessed its first performance here were fortunate in being able to witness such a comedy so creditably enacted. The comedy note was very skillfully struck, and the audience displayed a degree of appreciation which reflected well the merit of the acting and the success of the direction.

"Nothing But The Truth" represents the entanglements into which a young business man is plunged when he wagers that he can tell "the truth, the whole truth, and nothing but the truth" for twenty-four hours. The fact that the money is not his own, but part of a charitable fund entrusted to his fiancée, the daughter of his employer, makes a situation tense in the extreme.

The efforts of a well-chosen cast, coupled with the able direction of Prof. H. H. Armsby and W. L. Stewart and the hard work of "Chuck" Kiskaddon as stage manager, "Watty" Watkins as electrician, "Emily" Hosterman as property man, and "Thorny" Thornberry as business manager gave the audience a presentation that will long be remembered as one of M. S. M.'s. best. The music rendered by the seventeen-piece orchestra, under the direction of Mr. John W. Scott, was an added source of enjoyment.

Altogether, the "Star and Garter" is to be congratulated on the high class of entertainment which this presentation afforded, and its members in the cast may well feel proud of their performance.

Such was the success of this first presentation of "Nothing But The Truth" that, when the newly organized M. S. M. Players" were called on to give a play for the entertainment of the visitors during "Home-Coming Week," it was decided to give this play again as a revival. About the nucleus of members of the first cast still in school, a new cast was organized, and the play was given for the second time on the evening of Thursday, November 3, 1921.

The success of the second presentation was exceeded by that of the first in nothing but attendance, which was due solely to the fact that so many of the students had previously seen the play and that reservation of the best seats was made for visitors. "Doc" Armsby once more showed his ability as director until called away by his father's death, "Pem" Gordon then taking up "Doc's" duties in a very creditable manner. Paul Fischer as business manager, "Emily" Hosterman as stage manager, Ralph Knight as property man, Frank Hunter as advertising manager, and L. Grosch as electrician each contributed to the success of the play and deserve a large share of the praise which the performance so richly deserved and which was so freely given by those who had the privilege of witnessing it.

DRAMATIS PERSONAE

<i>Character</i>	<i>First Cast</i>	<i>Second Cast</i>
<i>Bob Bennett</i>	"Pem" Gordon.....	"Pem" Gordon
<i>E. M. Ralston</i>	"Phil" Colbert.....	"Bill" Hoke
<i>Dick Donnelly</i>	"Shucks" Leonard.....	"Shucks" Leonard
<i>Van Dusen</i>	"Cholly" Collet.....	"Fuzz" Knight



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<i>Bishop Doran</i>	"Whitty" Whitworth.....	"Val" Valerius
<i>Gwen Ralston</i>	Hazel Dent.....	Hazel Dent
<i>Mrs. Ralston</i>	Helen Stover.....	Marguerite Norville
<i>Ethel Clark</i>	Ruth Tresidder.....	Elizabeth Owens
<i>Mabel</i>	Emily Harris.....	Marion Fulton
<i>Sabel</i>	Marion Fulton.....	Bertha Fulton
<i>Martha</i>	Dorothy Culbertson.....	Dorothy Culbertson

The proceeds of the first presentation were given to the "Eddie Bohn Memorial Fund," and of the second to the Athletic Association.

SUPPRESSED DESIRES

At the assembly of December 16, three organizations united to give the student body an appropriate farewell program before the holidays. The M. S. M. Players contributed the two-act farce, "Suppressed Desires," by Susan Glaspel and George Gram Cook. The M. S. M. Glee Club made its initial appearance before an M. S. M. audience in a rendition of well chosen songs. The instrumental music for the occasion was contributed by "Dutch" Cohlbray's orchestra. The entertainment was a total success, and the audience carried to their homes for the holidays one added memory of the ability of the student organizations to entertain and please.

THE CAST

<i>Henrietta Brewster</i>	Marguerite Norville
<i>Stephen Brewster, her husband</i>	Claude Valerius
<i>Mabel, her sister</i>	Marion Fulton

THE STAFF

<i>Director</i>	H. H. Armsby
<i>Stage Manager</i>	M. W. Watkins

For the M. S. M. Players

<i>Director</i>	J. P. Gordon
<i>Stage Manager</i>	L. R. Springer
<i>Property Manager</i>	L. Grosch

For the M. S. M. Glee Club

<i>Director</i>	W. D. Turner
<i>Accompanist</i>	R. F. Muench

For "Dutch's" Orchestra

<i>Director</i>	F. P. Kohlbray
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IT PAYS TO ADVERTISE

This clever, three-act comedy was given by the Players for the benefit of the Rollamo on February 10. The performance was for the entertainment of the students and the guests present for the celebration of the Fiftieth Anniversary of the school. The performance was well attended and afforded a treat in the way of college theatricals which it would be hard to surpass.

The cast of this production was especially strong, and the lines of the play are such as to give the actors a chance to show at their best. The plot is based on the effort of a ne'er-do-well son of a rich soap manufacturer to impress his father and, incidentally, his father's secretary with his ability to make good. To do this he enters the soap business as his father's competitor and, after many entanglements and slips, finally wins his father over to his ideas of aggressive advertising and the girl to his ideas on the matrimonial question.

The musical program was rendered by The Varsity Orchestra, composed of



ROLLAMO

Hill, Linzer, Wasmund, Dooley, Whitworth, and Muench. It was appropriate and well received by the audience.

THE CAST

<i>Mary Grayson</i>	Marion Fulton
<i>Johnson</i>	Tom Weir
<i>Countess de Beaurieu</i>	Bertha Fulton
<i>Rodney Martin</i>	W. F. Hoke
<i>Cyrus Martin</i>	R. H. Knight
<i>Ambrose Peele</i>	Jack Powers
<i>Marie</i>	Elizabeth Owens
<i>William Smith</i>	L. Grosch
<i>Office Boy</i>	Mike Ledford
<i>Geo. McChesney</i>	Don Mosby
<i>Ellery Clark</i>	Fred Kaullen
<i>Chas. Bronson</i>	Edw. Terrence

STAFF

<i>Director</i>	J. P. Gordon
<i>Assistant Director</i>	H. H. Armsby
<i>Stage Manager</i>	M. W. Watkins
<i>General Manager</i>	P. E. Fischer
<i>Property Manager</i>	J. F. Hosterman
<i>Publicity Manager</i>	Joe Reid

WHY LIE TO YOUR WIFE

The St. Pat's play for this year was well chosen and produced with the effect of helping all who witnessed its performance have the time of their lives during the celebration. The play was a three-act comedy by Frank Wyant and Wm. Morris entitled "Why Lie to Your Wife." Its humor lies in the troubles a man courts when, his wife having refused to believe the true explanation, he invents a "perfectly wonderful lie" to account for an all-night absence from home. In the end, he and his friend and conniver to the lie are prompted to say the old familiar words, "Never again."

The cast was well chosen, which seems to be the rule rather than the exception with the Players' casts, and the audiences who witnessed the performances on the afternoon of March 14 and the evening of the 18th not only saw excellent acting but were entertained, as well, by the pep and jazz of the Missouri Quadrangle Orchestra.

THE CAST

<i>Jack Temple</i>	Pem Gordon
<i>Frank Fuller</i>	Jack Powers
<i>Captain Sharp</i>	Bill Hoke
<i>Wigson</i>	Tom Weir
<i>John Brown</i>	Claude Valerius
<i>Mrs. Jack Temple</i>	Helen Stover
<i>Dorothy</i>	Billy Farris
<i>Mrs. Frank Fuller</i>	Dixie Harris
<i>Mrs. John Brown</i>	Elizabeth Owens

THE STAFF

<i>Director</i>	H. H. Armsby
<i>Stage Manager</i>	M. W. Watkins
<i>General Manager</i>	P. E. Fischer
<i>Publicity Manager</i>	Joe Reid
<i>Property Men</i>	L. R. Springer, Fred Schaefer



Commencement Exercises, 1921

The graduation exercises took place Friday morning, April 29, 1921, in Parker Hall. Those present were accorded a rare treat in the commencement address on "Training for Exploration" by H. Foster Bain, Director of the United States Bureau of Mines. The degrees were conferred by Dean McCaustland.

The commencement ball was held, the same evening, in Jackling Gymnasium, which was beautifully decorated with the school colors, evergreens, Japanese lanterns and Japanese signs. The music was played by Falkenhainer's orchestra from St. Louis.

The Baccalaureate services were held the following Monday evening in Parker Hall, the sermon being delivered by Dr. W. C. Biting, Pastor of the Second Baptist Church, Saint Louis.

Program

Friday Morning

Music, Overture—"Turandot".....	<i>Lachner</i>
Falkenhainer's Orchestra	
Invocation.....	Rev. J. P. Lynch
Music—"Egyptian Ballet".....	<i>Luig in</i>
Commencement Address.....	"Training for Exploration"
H. Foster Bain	
Director, U. S. Bureau of Mines	
Music, Selection—"Apple Blossoms".....	<i>Kreisler</i>
Address.....	Elmer James McCaustland, C. E., M. C. E.
Dean Engineering College, University of Missouri	
Conferring of Degrees.....	Dean McCaustland
Music—"Hungarian Dances".....	<i>Brahms</i>
Benediction.....	Rev. J. P. Lynch
Finale—"Butterfly".....	<i>Bendix</i>

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Fish: "That dance last night reminded me of a horse race."

Dip: "How come?"

Fish: "After the first lap it was neck 'n' neck."

Host, to visiting friend: "Why don't you take her to the dance, Bill, she isn't very good looking, but she is a wonderful dancer?"

Bill: "No, thanks; I'm off these Waltham movements in Ingersoll cases."

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"Let me kiss those tears away, sweetheart," he begged tenderly.
She fell into his arms and he was very busy for a few minutes; but the tears flowed on.

"Can nothing stop them?" he asked breathlessly.

"No," she murmured, "it is hay fever; but go on with the treatment."

She: "Why do the leaves on the trees turn red in the fall?"

He: "Probably for more than one reason, dear. Why do they?"

She: "Because they are blushing because they see how green they have been all summer."

He: "I thought it was because they were showing their naked limbs."

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Men are the most grammatical of the human race; every time they see an abbreviated skirt they look after it for a period.

Watkins, to Geology Prof.: "What do you do if a ten-foot contour line runs into the ocean?"

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